Furseweld®
Grounding

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G

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Furseweld®

Exothermic Welding Equipment is used by some of the world's most demanding customers. By adding Furseweld to the Thomas & Betts product offering, T&B is now the only manufacturer that can offer exothermic welding, as well as compression and bolted connectors for grounding applications.

How to use this catalog

Refer to the pictorial index at the beginning of each catalog section to determine the type of connection that you wish to make. Turn to the relevant page, and study the table. There is an illustration for each connection type, and each table provides the following information:

- The Weld Powder size required - Unless otherwise stated, one weld powder is required for each connection made.
- The Mold required - The mold part number defines precisely what the mold can do, and indicates its cost. For example:

CC2 - 4 - 250K4/0

- A 'Tee' connection for stranded/solid circular conductor.
- Price Key 4
- For a 250K strand run with a 4/0 strand tap.

- The Handle Clamp required - Handle clamps relate directly to mold price keys. For example, handle clamp HCPK4 is for use with price key 4 molds.
- Mold Price Key - This relates to the size of graphite block used to manufacture the mold, and determines its price. The simplest and smallest molds have the lowest price key numbers.
- Sleeves required - Stranded conductors of #6 AWG or less require sleeves, which prevent burning of the strands, and improve the mechanical strength of the connection.
- Packing - Molds for connecting stranded conductors to reinforcing bar (CRE type) require sealing with packing.
- Mold Sealing Compound - Required when making connections to steel surfaces and pipes. Requirement is indicated by a statement at the foot of the table.

The Furseweld Process

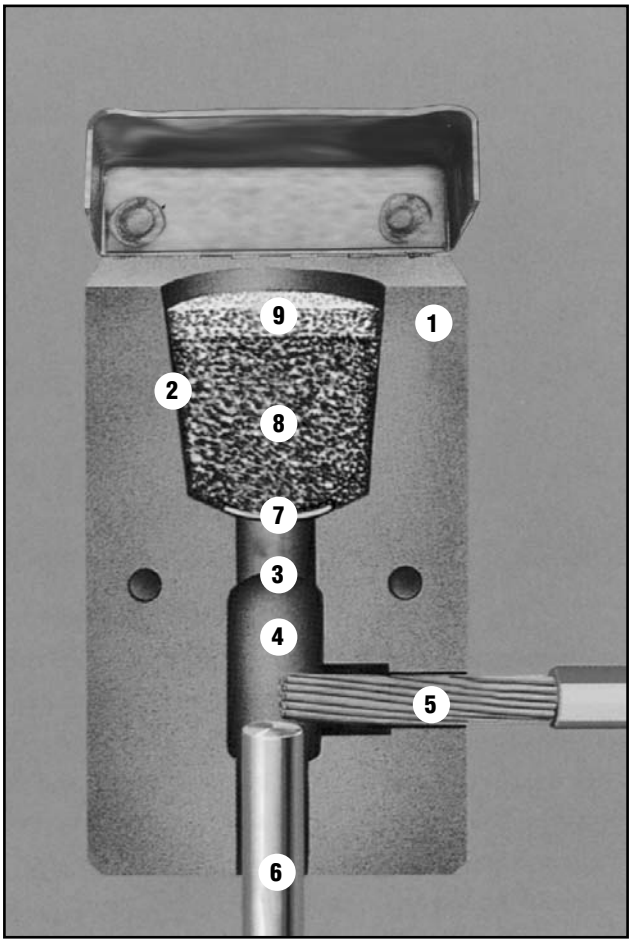
The Furseweld Exothermic Welding process is a simple, self-contained method of forming high quality electrical connections. The compact process requires no external power or heat source, making it completely portable.

Connections are made inside a semi-permanent graphite mold using the high temperature reaction of powdered copper oxide and aluminium.

This is how it works:

The Mold (1) features a Crucible (2), a Tap Hole (3) and a Weld Cavity (4). The Conductors (5) and (6) to be joined, are located in the Weld Cavity as shown, and the Mold is closed. A steel Retaining Disc (7) is located in the bottom of the crucible, to retain the Weld Powder (8) and Starting Powder (9) which are poured in on top.

Ignited with a spark gun, the starting powder sets off an exothermic reaction in the weld powder, reducing it to molten copper alloy. This instantaneously melts the retaining disc, and flows down the tap hole, to the weld cavity, where it partially melts the conductors, before cooling to leave a fusion weld of great mechanical and electrical integrity.



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The Furseweld Connection

The majority of Furseweld connections have at least twice the cross sectional area of the conductors being joined, and an equivalent or greater current carrying capacity.

Because the connection is a fusion of high conductivity, high copper content alloy, it will withstand repeated fault currents, and will not loosen in the way that mechanical connectors can.

Corrosion resistance too, is exceptional, due to the alloy's very high copper content (in excess of 90%).

Furseweld Equipment and Accessories

Weld Powders

Furseweld weld powders are contained in plastic cartridges, and are packed in plastic boxes of 10 or 20, depending on their size. Different joints require different powder sizes, and the size relates to the powder's nominal weight in grams.

The weld powder packaging also contains retaining discs and starting powder. The retaining discs are contained in a separate bag within the box. The starting powder is compacted into the bottom of the cartridge, underneath the weld powder, and is released by tapping the cartridge base firmly.

Furseweld weld powders are suitable for making connections from copper to copper and from copper to steel.

Molds

Furseweld graphite molds are dedicated to producing one type of connection. With care, they should be capable of producing up to 75 connections each. Mold size and complexity varies, and is denoted by a price key, from one upwards.

Each mold carries a tag which gives the mold part number, the weld powder size for use with the mold and the conductor sizes for which it is intended.

Handle Clamps

Handle clamps provide a means of both handling the mold, and also of clamping the mold halves together (or of clamping the mold to the surface to which a connection is to be made).

Standard Tools

A flint gun is required to start the reaction.

Cleaning tools for conductors, surfaces and molds include:

Cable Brush - for cleaning cables and other circular conductors such as rods.

Mold Scraper - for removing slag from the mold crucible, after firing.

Mold Brush - for final mold cleaning.

File Card Brush - for cleaning conductors and surfaces.

Standards Compliance

A representative range of Furseweld connections have been successfully tested in accordance with the requirements of IEEE 837-1989 - Standard for Qualifying Permanent Connections Used in Substation Grounding.

Testing in accordance with UL and CSA. Contact T&B Technical Services at 888-862-3289 for listings and certificates.

From left, counter-clockwise:

Handle Clamp
File Card Brush
Cable Brush
Mold Scraper
Retaining Discs
Flint Gun
Mold Brush
Mold
Powder Boxes
Cartridges

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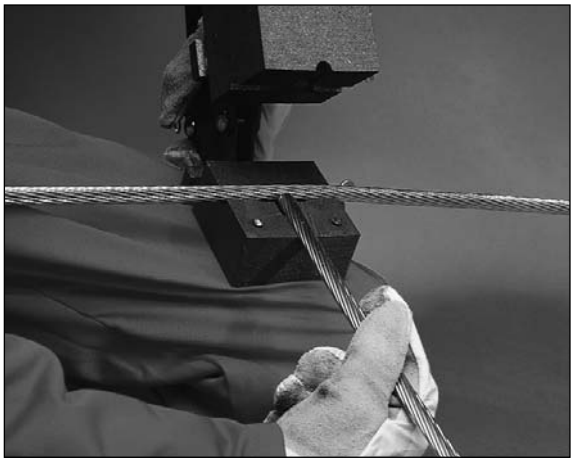
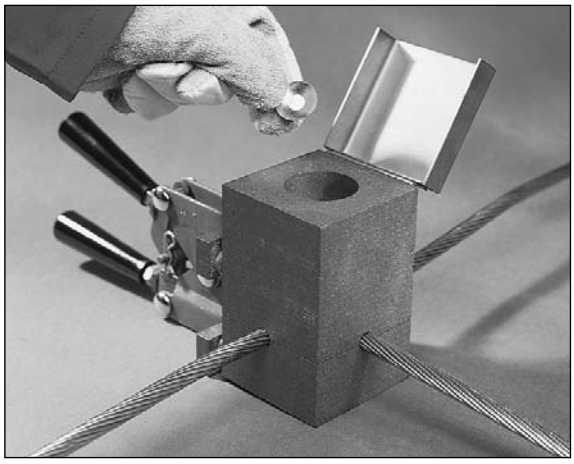
How to Make a Furseweld Connection

1



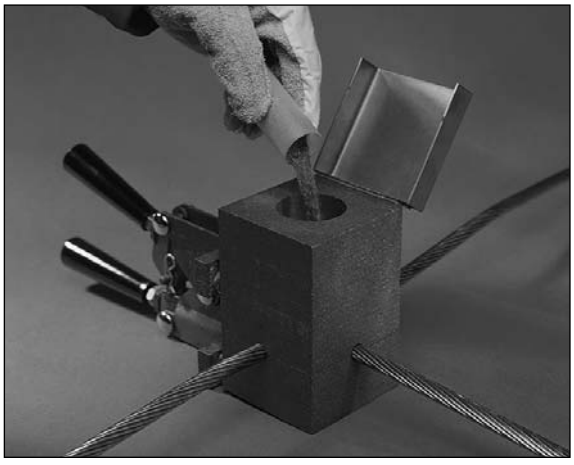
Position the clean conductors in the mold after making sure the mold is dry, by pre-heating or making a test joint.

2



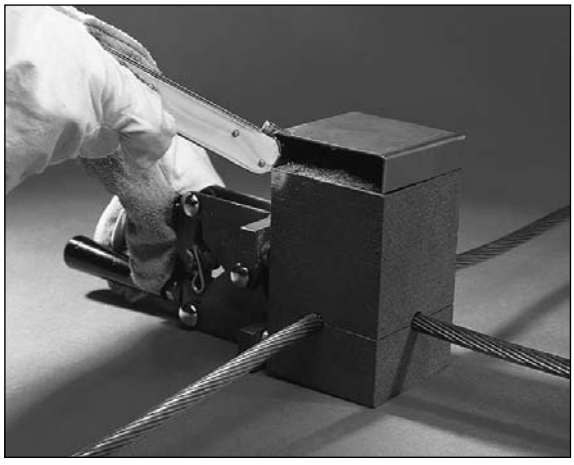
Place the metal retaining disc in the bottom of the mold crucible.

3



Pour the powder into the crucible, spreading some starting powder onto the mold edge.

4



Close the lid, and ignite with the flint gun from the side, firing the spark onto the starting powder.

5

The reaction takes place safely inside the mold.

6

Once the joint is finished, the mold should be cleaned using a mold scraper and brush ready for the next joint.

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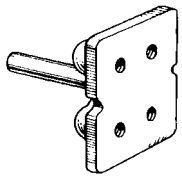
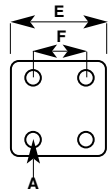
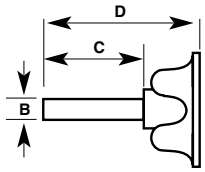
Furseweld®
Earth Points

Four-Hole Earth Points



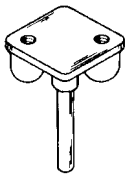
GPC110



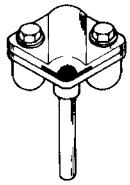


Cat. No.	A Hole Size	B in. dia	C in.	D in.	E in.	F in.
GPC110	4 x 5/16 UNC x 9/16"	27/64"	2"	3"	2 1/2"	1 13/32"
GPC111	As GPC110 with a pre-welded 20" long tail of 2/0 AWG pvc insulated cable.					

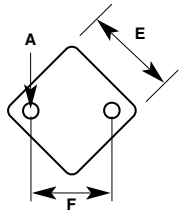
Two-Hole Earth Points



GPC125



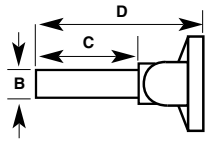
GPC115 - GPC120



Complete with front plate

Cat. No.	Conductor Type	B in. dia	C in.	D in.	E in.	F in.
GPC115	1" x 1/8" Tape or 2/0 AWG Cable	27/64"	2"	3 1/8"	2 3/16"	1 3/4"
GPC116	As GPC115 with a pre-welded 20" long tail of 2/0 AWG pvc insulated cable.					
GPC120	1"x 1/8" Tape or 5/16" dia Solid	27/64"	2"	3 1/8"	2 3/16"	1 3/4"
GPC121	As PC120 with a pre-welded 20" long tail of 2/0 AWG pvc insulated cable					

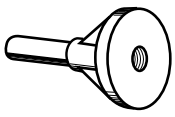
GPC116 -GPC121



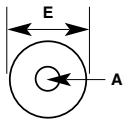
Without front plate

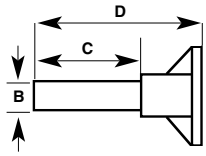
Cat. No.	A Hole Size	B in. dia	C in.	D in.	E in.	F in.
GPC125	2 x 5/16 UNC x 1/2"	27/64"	2"	3 1/8"	2 3/16"	1 3/4"
GPC126	As PC125 with a pre-welded 20" long tail of 2/0 AWG pvc insulated cable.					

One-Hole Earth Points



GPC100 -GPC101

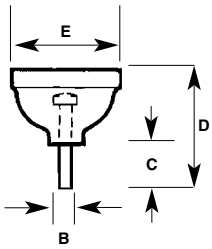




Cat. No.	A Hole Size	B in. dia	C in.	D in.	E in.
GPC100	1 x 5/16 UNC x 5/8"	27/64"	2 3/16"	3 1/8"	1 3/8"
GPC101	1 x 3/8 UNC x 5/8"	27/64"	2 3/16"	3 1/8"	1 3/8"
GPC105	As PC100 with a pre-welded 20" long tail of 2/0 AWG pvc insulated cable.				
GPC106	As PC101 with a pre-welded 20" long tail of 2/0 AWG pvc insulated cable.				

Static Earth Receptacle

GRX005



Cat. No.	B in. dia	C in.	D in.	E in.
GRX005	27/64"	1 1/2"	3 3/8"	2 11/16"

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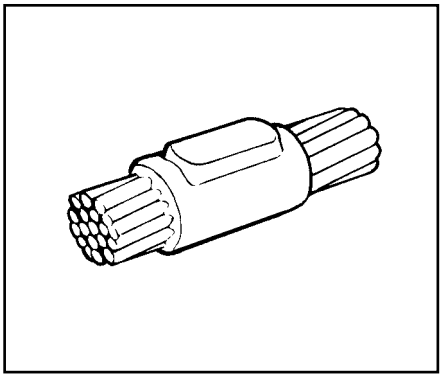
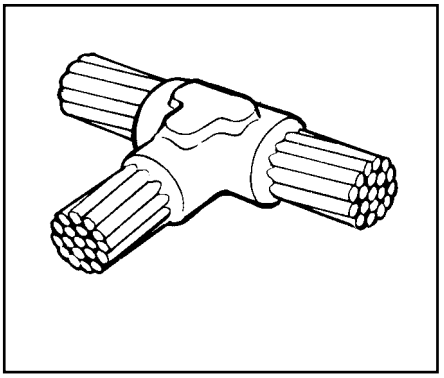
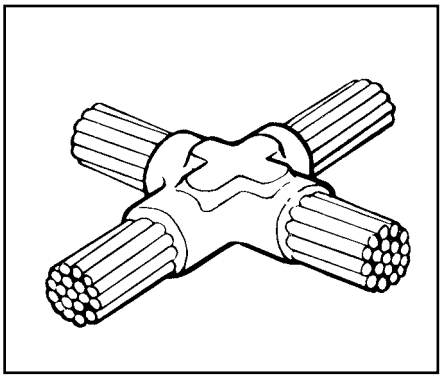
Cable to Cable - Pictorial Index



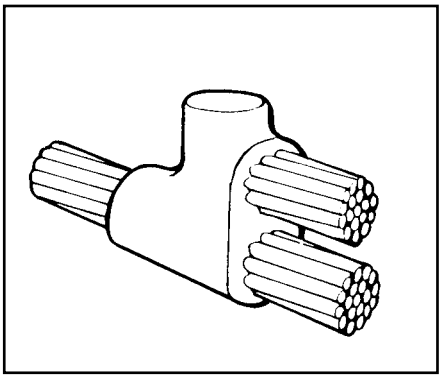
CC1 Page G7



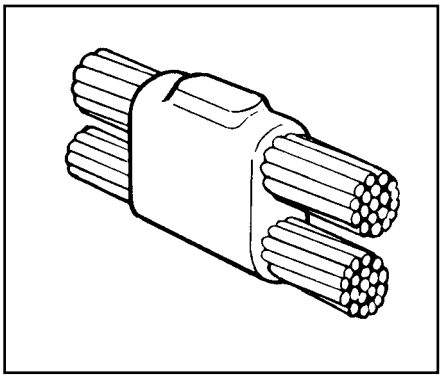
CC2 Pages G8-G9



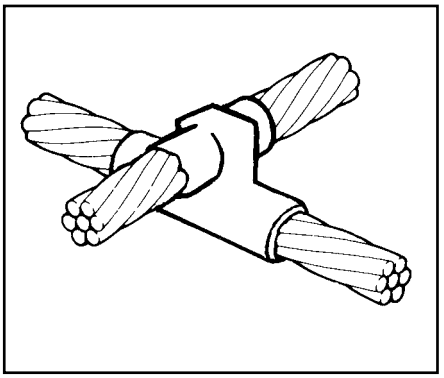
CC4 Page G10



CC6 Page G11



CC7 Pages G12-G14



CC11 Pages G15

The above represents our standard range. Other types can be produced to order.

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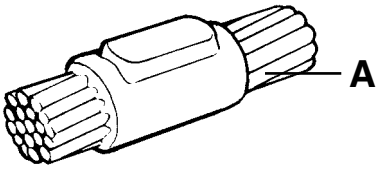
Cable to Cable



- *Stranded Conductor*
- *Solid Circular Conductor*

CC1

Cat. No.	Wire Size (A)	Welding Powder Size	Handle Clamp Type	Sleeve	Std. Ctn.
CC1-3-#3	3	32RTB	HCPK3	-	1
CC1-3-#2	2	32RTB	HCPK3	-	1
CC1-3-#2S	2 solid	32RTB	HCPK3	-	1
CC1-3-#1	1	32RTB	HCPK3	-	1
CC1-3-#1S	1 solid	32RTB	HCPK3	-	1
CC1-4-1/0	1/0	45RTB	HCPK4	-	1
CC1-4-1/0S	1/0 solid	45RTB	HCPK4	-	1
CC1-4-2/0	2/0	65RTB	HCPK4	-	1
CC1-4-3/0	3/0	90RTB	HCPK4	-	1
CC1-4-4/0	4/0	90RTB	HCPK4	-	1
CC1-4-4/0S	4/0 solid	90RTB	HCPK4	-	1
CC1-4-250K	250	115RTB	HCPK4	-	1
CC1-4-300K	300	115RTB	HCPK4	-	1
CC1-4-350K	350	150RTB	HCPK4	-	1
CC1-4-500K	500	200RTB	HCPK4	-	1
CC1-5-750K	750	2 X 150RTB	HCPK5	-	1
CC1-5-1000K	1000	2 X 200RTB	HCPK5	-	1

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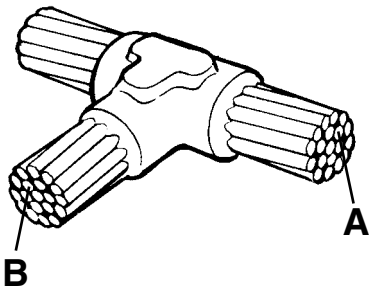
Cable to Cable



- *Stranded Conductor*
- *Solid Circular Conductor*

CC2

Cat. No.	Wire Size (A)	Wire Size (B)	Welding Powder Size	Handle Clamp Type	Sleeve	Std. Ctn.
CC2-4-#4#4	4	4	32RTB	HCPK4	-	1
CC2-4-#2S#2	2 solid	2	45RTB	HCPK4	-	1
CC2-4-#2S#2S		2 solid	45RTB	HCPK4	-	1
CC2-4-#2S#4		4	45RTB	HCPK4	-	1
CC2-4-#2#2	2	2	45RTB	HCPK4	-	1
CC2-4-#2#2S		2 solid	45RTB	HCPK4	-	1
CC2-4-#2#4		4	45RTB	HCPK4	-	1
CC2-4-#1#1	1	1	45RTB	HCPK4	-	1
CC2-4-#1#2		2	45RTB	HCPK4	-	1
CC2-4-#1#2S		2 solid	45RTB	HCPK4	-	1
CC2-4-#1#4		4	45RTB	HCPK4	-	1
CC2-4-1/01/0	1/0	1/0	90RTB	HCPK4	-	1
CC2-4-1/0#1		1	45RTB	HCPK4	-	1
CC2-4-1/0#2		2	45RTB	HCPK4	-	1
CC2-4-1/0#2S		2 solid	45RTB	HCPK4	-	1
CC2-4-1/0#4		4	45RTB	HCPK4	-	1
CC2-4-2/02/0	2/0	2/0	90RTB	HCPK4	-	1
CC2-4-2/01/0		1/0	90RTB	HCPK4	-	1
CC2-4-2/0#1		1	45RTB	HCPK4	-	1
CC2-4-2/0#2		2	45RTB	HCPK4	-	1
CC2-4-2/0#2S		2 solid	45RTB	HCPK4	-	1
CC2-4-2/0#4		4	45RTB	HCPK4	-	1
CC2-4-3/03/0	3/0	3/0	115RTB	HCPK4	-	1
CC2-4-3/02/0		2/0	90RTB	HCPK4	-	1
CC2-4-3/01/0		1/0	90RTB	HCPK4	-	1
CC2-4-3/0#1		1	45RTB	HCPK4	-	1
CC2-4-3/0#2		2	45RTB	HCPK4	-	1
CC2-4-3/0#2S		2 solid	45RTB	HCPK4	-	1
CC2-4-3/0#4		4	45RTB	HCPK4	-	1
CC2-4-4/04/0	4/0	4/0	150RTB	HCPK4	-	1
CC2-4-4/03/0		3/0	115RTB	HCPK4	-	1
CC2-4-4/02/0		2/0	90RTB	HCPK4	-	1
CC2-4-4/01/0		1/0	90RTB	HCPK4	-	1
CC2-4-4/0#1		1	90RTB	HCPK4	-	1
CC2-4-4/0#2		2	90RTB	HCPK4	-	1
CC2-4-4/0#2S		2 solid	90RTB	HCPK4	-	1
CC2-4-4/0#4		4	90RTB	HCPK4	-	1
CC2-4-250K250K	250	250	150RTB	HCPK4	-	1
CC2-4-250K4/0		4/0	150RTB	HCPK4	-	1
CC2-4-250K4/0		3/0	150RTB	HCPK4	-	1
CC2-4-250K2/0		2/0	90RTB	HCPK4	-	1
CC2-4-250K1/0		1/0	90RTB	HCPK4	-	1
CC2-4-250K#1		1	90RTB	HCPK4	-	1
CC2-4-250K#2		2	90RTB	HCPK4	-	1
CC2-4-250K#2S		2 solid	90RTB	HCPK4	-	1
CC2-4-250K#4		4	90RTB	HCPK4	-	

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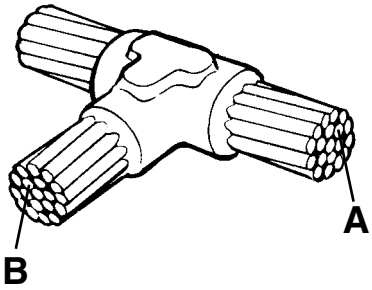
Cable to Cable



- *Stranded Conductor*
- *Solid Circular Conductor*

CC2 – Continued

Cat. No.	Wire Size (A)	Wire Size (B)	Welding Powder Size	Handle Clamp Type	Sleeve	Std. Ctn.
CC2-4-300K300K	300	300	200RTB	HCPK4	-	1
CC2-4-300K250K		250	150RTB	HCPK4	-	1
CC2-4-300K4/0		4/0	150RTB	HCPK4	-	1
CC2-4-300K3/0		3/0	150RTB	HCPK4	-	1
CC2-4-300K2/0		2/0	90RTB	HCPK4	-	1
CC2-4-300K1/0		1/0	90RTB	HCPK4	-	1
CC2-4-300K#1		1	90RTB	HCPK4	-	1
CC2-4-300K#2		2	90RTB	HCPK4	-	1
CC2-4-300K#2S		2 solid	90RTB	HCPK4	-	1
CC2-4-300K#4		4	90RTB	HCPK4	-	1
CC2-4-350K350K	350	350	200RTB	HCPK4	-	1
CC2-4-350K300K		300	200RTB	HCPK4	-	1
CC2-4-350K250K		250	200RTB	HCPK4	-	1
CC2-4-350K4/0		4/0	150RTB	HCPK4	-	1
CC2-4-350K3/0		3/0	150RTB	HCPK4	-	1
CC2-4-350K2/0		2/0	90RTB	HCPK4	-	1
CC2-4-350K1/0		1/0	90RTB	HCPK4	-	1
CC2-4-350K#1		1	90RTB	HCPK4	-	1
CC2-4-350K#2		2	90RTB	HCPK4	-	1
CC2-4-350K#4		4	90RTB	HCPK4	-	1
CC2-4-500K500K	500	500	2 X 150RTB	HCPK4	-	1
CC2-4-500K350K		350	200RTB	HCPK4	-	1
CC2-4-500K300K		300	200RTB	HCPK4	-	1
CC2-4-500K250K		250	200RTB	HCPK4	-	1
CC2-4-500K4/0		4/0	150RTB	HCPK4	-	1
CC2-4-500K2/0		2/0	90RTB	HCPK4	-	1
CC2-4-500K1/0		1/0	90RTB	HCPK4	-	1
CC2-4-500K#1		1	90RTB	HCPK4	-	1
CC2-4-500K#2		2	90RTB	HCPK4	-	1
CC2-4-500K#4		4	90RTB	HCPK4	-	1
CC2-5-750K750K	750	750	2 X 250RTB	HCPK5	-	1
CC2-5-750K500K		500	2 X 200RTB	HCPK5	-	1
CC2-4-750K350K		350	250RTB	HCPK4	-	1
CC2-4-750K300K		300	200RTB	HCPK4	-	1
CC2-4-750K250K		250	200RTB	HCPK4	-	1
CC2-4-750K4/0		4/0	150RTB	HCPK4	-	1
CC2-4-750K2/0		2/0	150RTB	HCPK4	-	1
CC2-4-750K1/0		1/0	150RTB	HCPK4	-	1
CC2-5-1000K1000K	1000	1000	2 X 250RTB	HCPK5	-	1
CC2-5-1000K750K		750	2 X 250RTB	HCPK5	-	1
CC2-5-1000K500K		500	2 X 200RTB	HCPK5	-	1
CC2-4-1000K350K		350	250RTB	HCPK4	-	1
CC2-4-1000K300K		300	200RTB	HCPK4	-	1
CC2-4-1000K250K		250	200RTB	HCPK4	-	1
CC2-4-1000K4/0		4/0	150RTB	HCPK4	-	1
CC2-4-1000K2/0		2/0	150RTB	HCPK4	-	1
CC2-4-1000K1/0		1/0	150RTB	HCPK4	-	1

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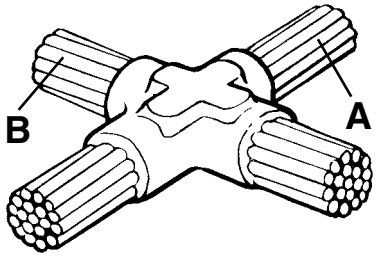

- *Stranded Conductor*
- *Solid Circular Conductor*

CC4

Cat. No.	Wire Size (A)	Wire Size (B)	Welding Powder Size	Handle Clamp Type	Sleeve	Std. Ctn.
CC4-4-#4#4	4	4	45RTB	HCPK4	-	1
CC4-4-#2#2	2	2	65RTB	HCPK4	-	1
CC4-4-#2#4		4	65RTB	HCPK4	-	1
CC4-4-#2S#2S	2 solid	2 solid	65RTB	HCPK4	-	1
CC4-4-#1#1	1	1	65RTB	HCPK4	-	1
CC4-4-#1#2		2	65RTB	HCPK4	-	1
CC4-4-#1#4		4	65RTB	HCPK4	-	1
CC4-4-1/01/0	1/0	1/0	90RTB	HCPK4	-	1
CC4-4-1/0#1		1	90RTB	HCPK4	-	1
CC4-4-1/0#2		2	90RTB	HCPK4	-	1
CC4-4-1/0#4		4	90RTB	HCPK4	-	1
CC4-4-2/02/0	2/0	2/0	115RTB	HCPK4	-	1
CC4-42/01/0		1/0	115RTB	HCPK4	-	1
CC4-4-2/0#1		1	115RTB	HCPK4	-	1
CC4-4-2/0#2		2	115RTB	HCPK4	-	1
CC4-4-3/03/0	3/0	3/0	115RTB	HCPK4	-	1
CC4-4-3/02/0		2/0	150RTB	HCPK4	-	1
CC4-4-3/01/0		1/0	115RTB	HCPK4	-	1
CC4-4-3/0#1		1	115RTB	HCPK4	-	1
CC4-4-3/0#2		2	115RTB	HCPK4	-	1
CC4-4-4/04/0	4/0	4/0	200RTB	HCPK4	-	1
CC4-4-4/03/0		3/0	200RTB	HCPK4	-	1
CC4-4-4/02/0		2/0	150RTB	HCPK4	-	1
CC4-4-4/01/0		1/0	150RTB	HCPK4	-	1
CC4-4-4/0#1		1	115RTB	HCPK4	-	1
CC4-4-4/0#2		2	115RTB	HCPK4	-	1
CC4-4-250K250K	250	250	200RTB	HCPK4	-	1
CC4-4-250K4/0		4/0	200RTB	HCPK4	-	1
CC4-4-250K3/0		3/0	200RTB	HCPK4	-	1
CC4-4-250K2/0		2/0	150RTB	HCPK4	-	1
CC4-4-250K1/0		1/0	150RTB	HCPK4	-	1
CC4-4-250K#1		1	115RTB	HCPK4	-	1
CC4-4-250K#2		2	115RTB	HCPK4	-	1
CC4-4-300K300K	300	300	250RTB	HCPK4	-	1
CC4-4-300K250K		250	250RTB	HCPK4	-	1
CC4-4-300K4/0		4/0	200RTB	HCPK4	-	1
CC4-4-300K3/0		3/0	200RTB	HCPK4	-	1
CC4-4-300K2/0		2/0	150RTB	HCPK4	-	1
CC4-4-300K1/0		1/0	150RTB	HCPK4	-	1
CC4-4300K#1		1	115RTB	HCPK4	-	1
CC4-4-300K#2		2	115RTB	HCPK4	-	1
CC4-4-350K350K	350	350	250RTB	HCPK4	-	1
CC4-4-350K300K		300	250RTB	HCPK4	-	1
CC4-4-4350K250K		250	250RTB	HCPK4	-	1
CC4-4-350K4/0		4/0	200RTB	HCPK4	-	1
CC4-4-350K3/0		3/0	200RTB	HCPK4	-	1
CC4-350K2/0		2/0	200RTB	HCPK4	-	1
CC4-4-350K1/0	350	1/0	200RTB	HCPK4	-	1
CC4-4-350K#1		1	150RTB	HCPK4	-	1
CC4-4-350K#2		2	150RTB	HCPK4	-	1
CC4-5-500K500K	500	500	2 X 250RTB	HCPK5	-	1
CC4-5-500K350K		350	2 X 200RTB	HCPK5	-	1
CC4-5-500K300K		300	2 X 200RTB	HCPK5	-	1
CC4-5-500K250K		250	2 X 150RTB	HCPK5	-	1
CC4-5-500K4/0		4/0	2 X 150RTB	HCPK5	-	1
CC4-5-500K3/0		3/0	2 X 150RTB	HCPK5	-	1
CC4-4-500K2/0		2/0	250RTB	HCPK4	-	1
CC4-4-500K1/0		1/0	250RTB	HCPK4	-	14

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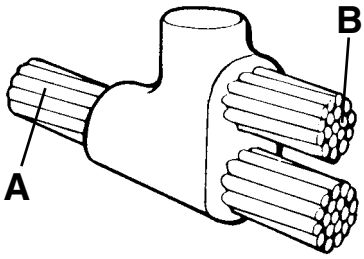

- *Stranded Conductor*
- *Solid Circular Conductor*

CC6

Cat. No.	Wire Size (A)	Wire Size (B)	Welding Powder Size	Handle Clamp Type	Sleeve	Std. Ctn.
CC6-4-#4#4	4	4	45RTB	HCPK4	-	1
CC6-4-#2#2	2	2	65RTB	HCPK4	-	1
CC6-4-#2#4		4	65RTB	HCPK4	-	1
CC6-4-#2S#2S	2 solid	2 solid	65RTB	HCPK4	-	
CC6-4-#1#1	1	1	65RTB	HCPK4	-	
CC6-4-#1#2		2	65RTB	HCPK4	-	1
CC6-4-#1#4		4	65RTB	HCPK4	-	1
CC6-4-1/01/0	1/0	1/0	90RTB	HCPK4	-	1
CC6-4-1/0#1		1	90RTB	HCPK4	-	1
CC6-4-1/0#2		2	90RTB	HCPK4	-	1
CC6-4-1/0#4		4	90RTB	HCPK4	-	1
CC6-4-2/02/0	2/0	2/0	115RTB	HCPK4	-	1
CC6-42/01/0		1/0	115RTB	HCPK4	-	1
CC6-4-2/0#1		1	115RTB	HCPK4	-	1
CC6-4-2/0#2		2	115RTB	HCPK4	-	1
CC6-4-3/03/0	3/0	3/0	115RTB	HCPK4	-	1
CC6-4-3/02/0		2/0	150RTB	HCPK4	-	1
CC6-4-3/01/0		1/0	115RTB	HCPK4	-	1
CC6-4-3/0#1		1	115RTB	HCPK4	-	1
CC6-4-3/0#2		2	115RTB	HCPK4	-	1
CC6-4-4/04/0	4/0	4/0	200RTB	HCPK4	-	1
CC6-4-4/03/0		3/0	200RTB	HCPK4	-	1
CC6-4-4/02/0		2/0	150RTB	HCPK4	-	1
CC6-4-4/01/0		1/0	150RTB	HCPK4	-	1
CC6-4-4/0#1		1	115RTB	HCPK4	-	1
CC6-4-4/0#2		2	115RTB	HCPK4	-	1
CC6-4-250K250K	250	250	200RTB	HCPK4	-	1
CC6-4-250K4/0		4/0	200RTB	HCPK4	-	1
CC6-4-250K3/0		3/0	200RTB	HCPK4	-	1
CC6-4-250K2/0		2/0	150RTB	HCPK4	-	1
CC6-4-250K1/0		1/0	150RTB	HCPK4	-	1
CC6-4-250K#1		1	115RTB	HCPK4	-	1
CC6-4-250K#2		2	115RTB	HCPK4	-	1
CC6-4-300K300K	300	300	250RTB	HCPK4	-	1
CC6-4-300K250K		250	250RTB	HCPK4	-	1
CC6-4-300K4/0		4/0	200RTB	HCPK4	-	1
CC6-4-300K3/0		3/0	200RTB	HCPK4	-	1
CC6-4-300K2/0		2/0	150RTB	HCPK4	-	1
CC6-4-300K1/0		1/0	150RTB	HCPK4	-	1
CC6-4300K#1		1	115RTB	HCPK4	-	1
CC6-4-300K#2		2	115RTB	HCPK4	-	1
CC6-4-350K350K	350	350	250RTB	HCPK4	-	1
CC6-4-350K300K		300	250RTB	HCPK4	-	1
CC6-4-4350K250K		250	250RTB	HCPK4	-	1
CC6-4-350K4/0		4/0	200RTB	HCPK4	-	1
CC6-4-350K3/0		3/0	200RTB	HCPK4	-	1
CC6-4-350K2/0		2/0	200RTB	HCPK4	-	1

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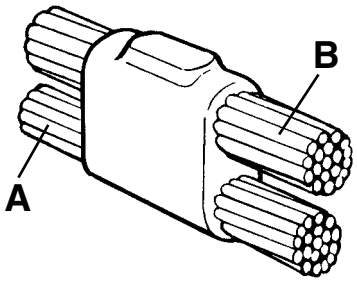

- *Stranded Conductor*
- *Solid Circular Conductor*

CC7

Cat. No.	Wire Size (A)	Wire Size (B)	Welding Powder Size	Handle Clamp Type	Sleeve	Std. Ctn.
CC7-4-#4#4	4	4	32RTB	HCPK4	-	1
CC7-4-#4#6		6	32RTB	HCPK4	2 X SLEEVE#6	1
CC7-4-#4#6S		6 solid	32RTB	HCPK4	2 X SLEEVE#6S	1
CC7-4-#4#8		8	32RTB	HCPK4	2 X SLEEVE#8	1
CC7-4-#2S#2	2 solid	2	65RTB	HCPK4	-	1
CC7-4-#2S#2S		2 solid	65RTB	HCPK4	-	1
CC7-4-#2S#4		4	65RTB	HCPK4	-	1
CC7-4-#2S#6		6	45RTB	HCPK4	2 X SLEEVE#6	1
CC7-4-#2S#6S		6 solid	45RTB	HCPK4	2 X SLEEVE#6S	1
CC7-4-#2S#8		8	45RTB	HCPK4	2 X SLEEVE#8	1
CC7-4-#2S#8S		8 solid	45RTB	HCPK4	2 X SLEEVE#8S	1
CC7-4-#2#2	2	2	65RTB	HCPK4	-	1
CC7-4-#2#4		4	65RTB	HCPK4	-	1
CC7-4-#2#6		6	45RTB	HCPK4	2 X SLEEVE#6	1
CC7-4-#2#6S		6 solid	45RTB	HCPK4	2 X SLEEVE#6S	1
CC7-4-#2#8		8	45RTB	HCPK4	2 X SLEEVE#8	1
CC7-4-#2#8S		8 solid	45RTB	HCPK4	2 X SLEEVE#8S	1
CC7-4-#1S#1	1 solid	1	65RTB	HCPK4	-	1
CC7-4-#1S#2		2	65RTB	HCPK4	-	1
CC7-4-#1S#2S		2 solid	65RTB	HCPK4	-	1
CC7-4-#1S#4		4	65RTB	HCPK4	-	1
CC7-4-#1S#6		6	65RTB	HCPK4	2 X SLEEVE#6	1
CC7-4-#1S#6S		6 solid	65RTB	HCPK4	2 X SLEEVE#6S	1
CC7-4-#1S#8		8	45RTB	HCPK4	2 X SLEEVE#8	1
CC7-4-#1S#8S		8 solid	45RTB	HCPK4	2 X SLEEVE#8S	1
CC7-4-#1#1	1	1	65RTB	HCPK4	-	1
CC7-4-#1#1S		1 solid	65RTB	HCPK4	-	1
CC7-4-#1#2		2	65RTB	HCPK4	-	1
CC7-4-#1#2S		2 solid	65RTB	HCPK4	-	1
CC7-4-#1#4		4	65RTB	HCPK4	-	1
CC7-4-#1#6		6	65RTB	HCPK4	2 X SLEEVE#6	1
CC7-4-#1#6S		6 solid	65RTB	HCPK4	2 X SLEEVE#6S	1
CC7-4-#1#8		8	45RTB	HCPK4	2 X SLEEVE#8	1
CC7-4-#1#8S		8 solid	45RTB	HCPK4	2 X SLEEVE#8S	1
CC7-4-1/0S1/0	1/0 solid	1/0	90RTB	HCPK4	-	1
CC7-4-1/0S1/0S		1/0 solid	90RTB	HCPK4	-	1
CC7-4-1/0S#1		1	65RTB	HCPK4	-	1
CC7-4-1/0S#1S		1 solid	65RTB	HCPK4	-	1
CC7-4-1/0S#2		2	65RTB	HCPK4	-	1
CC7-4-1/0S#2S		2 solid	65RTB	HCPK4	-	1
CC7-4-1/0S#4		4	65RTB	HCPK4	-	1
CC7-4-1/0S#6		6	65RTB	HCPK4	2 X SLEEVE#6	1
CC7-4-1/0S#6S		6 solid	65RTB	HCPK4	2 X SLEEVE#6S	1
CC7-4-1/0S#8		8	65RTB	HCPK4	2 X SLEEVE#8	1
CC7-4-1/0S#8S		8 solid	65RTB	HCPK4	2 X SLEEVE#8S	1
CC7-4-1/01/0	1/0	1/0	90RTB	HCPK4	-	1
CC7-4-1/01/0S		1/0 solid	90RTB	HCPK4	-	1

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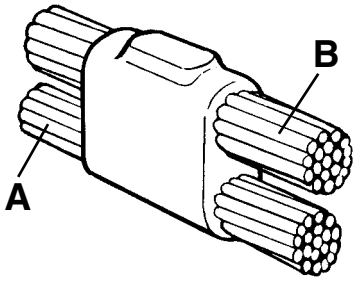
Cable to Cable



- *Stranded Conductor*
- *Solid Circular Conductor*

CC7 – Continued

Cat. No.	Wire Size (A)	Wire Size (B)	Welding Powder Size	Handle Clamp Type	Sleeve	Std. Ctn.
CC7-4-1/0#1	1/0	1	65RTB	HCPK4	-	1
CC7-4-1/0#1S		1 solid	65RTB	HCPK4	-	1
CC7-4-1/0#2		2	65RTB	HCPK4	-	1
CC7-4-1/0#2S		2 solid	65RTB	HCPK4	-	1
CC7-4-1/0#4		4	65RTB	HCPK4	-	1
CC7-4-1/0#6		6	65RTB	HCPK4	2 X SLEEVE#6	1
CC7-4-1/0#6S		6 solid	65RTB	HCPK4	2 X SLEEVE#6S	1
CC7-4-1/0#8		8	65RTB	HCPK4	2 X SLEEVE#8	1
CC7-4-1/0#8S		8 solid	65RTB	HCPK4	2 X SLEEVE#8S	1
CC7-4-2/02/0	2/0	2/0	115RTB	HCPK4	-	1
CC7-4-2/01/0		1/0	115RTB	HCPK4	-	1
CC7-4-2/01/0S		1/0 solid	115RTB	HCPK4	-	1
CC7-4-2/0#1		1	90RTB	HCPK4	-	1
CC7-4-2/0#1S		1 solid	90RTB	HCPK4	-	1
CC7-4-2/0#2		2	90RTB	HCPK4	-	1
CC7-4-2/0#4		4	90RTB	HCPK4	-	1
CC7-4-2/0#6		6	90RTB	HCPK4	2 X SLEEVE#6	1
CC7-4-2/0#6S		6 solid	90RTB	HCPK4	2 X SLEEVE#6S	1
CC7-4-2/0#8		8	65RTB	HCPK4	2 X SLEEVE#8	1
CC7-4-2/0#8S		8 solid	65RTB	HCPK4	2 X SLEEVE#8S	1
CC7-4-3/03/0	3/0	3/0	150RTB	HCPK4	-	1
CC7-4-3/02/0		2/0	150RTB	HCPK4	-	1
CC7-4-3/01/0		1/0	115RTB	HCPK4	-	1
CC7-4-3/01/0S		1/0 solid	115RTB	HCPK4	-	1
CC7-4-3/0#1		1	115RTB	HCPK4	-	1
CC7-4-3/0#1S		1 solid	115RTB	HCPK4	-	1
CC7-4-3/0#2		2	115RTB	HCPK4	-	1
CC7-4-3/0#2S		2 solid	115RTB	HCPK4	-	1
CC7-4-3/0#4		4	115RTB	HCPK4	-	1
CC7-4-3/0#6		6	90RTB	HCPK4	2 X SLEEVE#6	1
CC7-4-3/0#6S		6 solid	90RTB	HCPK4	2 X SLEEVE#6S	1
CC7-4-3/0#8		8	90RTB	HCPK4	2 X SLEEVE#8	1
CC7-4-3/0#8S		8 solid	90RTB	HCPK4	2 X SLEEVE#8S	1
CC7-4-4/0S4/0	4/0 solid	4/0	200RTB	HCPK4	-	1
CC7-4-4/0S4/0S		4/0 solid	200RTB	HCPK4	-	1
CC7-4-4/0S3/0		3/0	200RTB	HCPK4	-	1
CC7-4-4/0S2/0		2/0	150RTB	HCPK4	-	1
CC7-4-4/0S1/0		1/0	150RTB	HCPK4	-	1
CC7-4-4/0S1/0S		1/0 solid	150RTB	HCPK4	-	1
CC7-4-4/0S#1		1	150RTB	HCPK4	-	1
CC7-4-4/0S#1S		1 solid	150RTB	HCPK4	-	1
CC7-4-4/0S#2		2	150RTB	HCPK4	-	1
CC7-4-4/0S#2S		2 solid	150RTB	HCPK4	-	1
CC7-4-4/0S#4		4	150RTB	HCPK4	-	1
CC7-4-4/0S#6		6	90RTB	HCPK4	2 X SLEEVE#6	1
CC7-4-4/0S#6S		6 solid	90RTB	HCPK4	2 X SLEEVE#6S	1
CC7-4-4/0S#8		8	90RTB	HCPK4	2 X SLEEVE#8	1
CC7-4-4/0S#8S		8 solid	90RTB	HCPK4	2 X SLEEVE#8S	1

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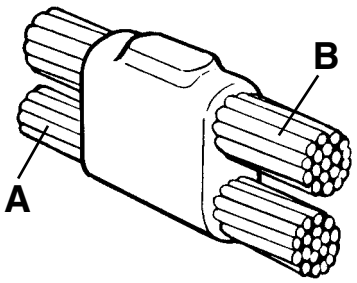
Cable to Cable



- *Stranded Conductor*
- *Solid Circular Conductor*

CC7 – Continued

Cat. No.	Wire Size (A)	Wire Size (B)	Welding Powder Size	Handle Clamp Type	Sleeve	Std. Ctn.
CC7-4-4/04/0	4/0	4/0	200RTB	HCPK4	-	1
CC7-4-4/04/0S		4/0 solid	200RTB	HCPK4	-	1
CC7-4-4/03/0		3/0	200RTB	HCPK4	-	1
CC7-4-4/02/0		2/0	150RTB	HCPK4	-	1
CC7-4-4/01/0		1/0	150RTB	HCPK4	-	1
CC7-4-4/01/0S		1/0 solid	150RTB	HCPK4	-	1
CC7-4-4/0#1		1	150RTB	HCPK4	-	1
CC7-4-4/0#1S		1 solid	150RTB	HCPK4	-	1
CC7-4-4/0#2		2	150RTB	HCPK4	-	1
CC7-4-4/0#2S		2 solid	150RTB	HCPK4	-	1
CC7-4-4/0#4		4	150RTB	HCPK4	-	1
CC7-4-4/0#6		6	90RTB	HCPK4	2 X SLEEVE#6	1
CC7-4-4/0#6S		6 solid	90RTB	HCPK4	2 X SLEEVE#6S	1
CC7-4-4/0#8		8	90RTB	HCPK4	2 X SLEEVE#8	1
CC7-4-4/0#8S		8 solid	90RTB	HCPK4	2 X SLEEVE#8S	1

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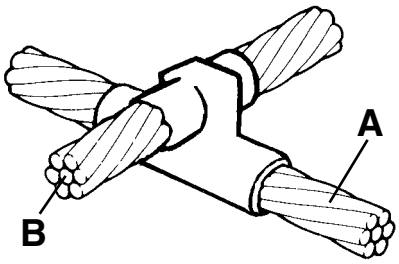
Cable to Cable



- *Stranded Conductor*
- *Solid Circular Conductor*

CC11

Cat. No.	Wire Size (A)	Wire Size (B)	Welding Powder Size	Handle Clamp Type	Sleeve	Std. Ctn.
CC11-7-#6S#6S	6 solid	6 solid	32RTB	HCPK7	4 X SLEEVE#6S	1
CC11-7-#6#6	6	6	45RTB	HCPK7	4 X SLEEVE#6	1
CC11-7-#4#4	4	4	65RTB	HCPK7	-	1
CC11-7-#2#2	2	2	90RTB	HCPK7	-	1
CC11-7-#2#4		4	65RTB	HCPK7	-	1
CC11-7-#2S#2S	2 solid	2 solid	90RTB	HCPK7	-	1
CC11-7-#1#1	1	1	115RTB	HCPK7	-	1
CC11-7-#1#2		2	90RTB	HCPK7	-	1
CC11-7-#1#4		4	90RTB	HCPK7	-	1
CC11-7-1/01/0	1/0	1/0	150RTB	HCPK7	-	1
CC11-7-1/0#1		1	150RTB	HCPK7	-	1
CC11-7-1/0#2		2	115RTB	HCPK7	-	1
CC11-7-1/0#4		4	115RTB	HCPK7	-	1
CC11-7-2/02/0	2/0	2/0	200RTB	HCPK7	-	1
CC11-7-2/01/0		1/0	200RTB	HCPK7	-	1
CC11-7-2/0#1		1	150RTB	HCPK7	-	1
CC11-7-2/0#2		2	150RTB	HCPK7	-	1
CC11-7-3/03/0	3/0	3/0	250RTB	HCPK7	-	1
CC11-7-3/02/0		2/0	200RTB	HCPK7	-	1
CC11-7-3/01/0		1/0	200RTB	HCPK7	-	1
CC11-7-3/0#1		1	150RTB	HCPK7	-	1
CC11-7-3/0#2		2	150RTB	HCPK7	-	1
CC11-7-4/04/0	4/0	4/0	250RTB	HCPK7	-	1
CC11-7-4/03/0		3/0	250RTB	HCPK7	-	1
CC11-7-4/02/0		2/0	200RTB	HCPK7	-	1
CC11-7-4/01/0		1/0	200RTB	HCPK7	-	1
CC11-7-4/0#1		1	150RTB	HCPK7	-	1
CC11-7-4/0#2		2	150RTB	HCPK7	-	1
CC11-7-250K250K	250	250	2 X 150RTB	HCPK7	-	1
CC11-7-250K4/0		4/0	2 X 150RTB	HCPK7	-	1
CC11-7-250K3/0		3/0	2 X 150RTB	HCPK7	-	1
CC11-7-250K2/0		2/0	250RTB	HCPK7	-	1
CC11-7-250K1/0		1/0	250RTB	HCPK7	-	1
CC11-7-250K#1		1	200RTB	HCPK7	-	1
CC11-7-250K#2		2	150RTB	HCPK7	-	1
CC11-8-300K300K	300	300	2 X 200RTB	HCPK8	-	1
CC11-8-300K250K		250	2 X 200RTB	HCPK8	-	1
CC11-7-300K4/0		4/0	2 X 150RTB	HCPK7	-	1
CC11-7-300K3/0		3/0	2 X 150RTB	HCPK7	-	1
CC11-7-300K2/0		2/0	250RTB	HCPK7	-	1
CC11-7-300K1/0		1/0	250RTB	HCPK7	-	1
CC11-7-300K#1		1	200RTB	HCPK7	-	1
CC11-7-300K#2		2	150RTB	HCPK7	-	1
CC11-8-350K350K	350	350	2 X 250RTB	HCPK8	-	1
CC11-8-350K300K		300	2 X 250RTB	HCPK8	-	1
CC11-8-350K250K		250	2 X 250RTB	HCPK8	-	1
CC11-8-350K4/0		4/0	2 X 200RTB	HCPK8	-	1
CC11-8-350K3/0		3/0	2 X 200RTB	HCPK8	-	1
CC11-7-350K2/0		2/0	2 X 150RTB	HCPK7	-	1
CC11-7-350K1/0		1/0	250RTB	HCPK7	-	1
CC11-7-350K#1		1	200RTB	HCPK7	-	1
CC11-7-350K#2		2	200RTB	HCPK7	-	1
CC11-8-500K500K	500	500	3 X 250RTB	HCPK8	-	1
CC11-8-500K350K		350	3 X 200RTB	HCPK8	-	1
CC11-8-500K300K		300	3 X 200RTB	HCPK8	-	1
CC11-8-500K250K		250K	2 X 250RTB	HCPK8	-	1
CC11-8-500K4/0		4/0	2 X 250RTB	HCPK8	-	1
CC11-8-500K3/0		3/0	2 X 250RTB	HCPK8	-	1
CC11-8-500K2/0		2/0	2 X 200RTB	HCPK8	-	1
CC11-8-500K1/0		1/0	2 X 150RTB	HCPK8	-	1

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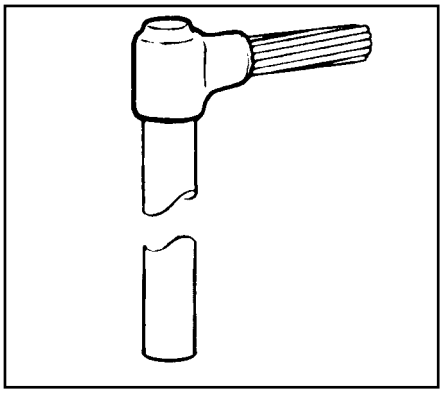
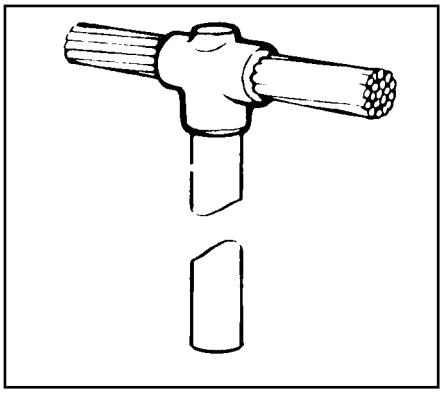
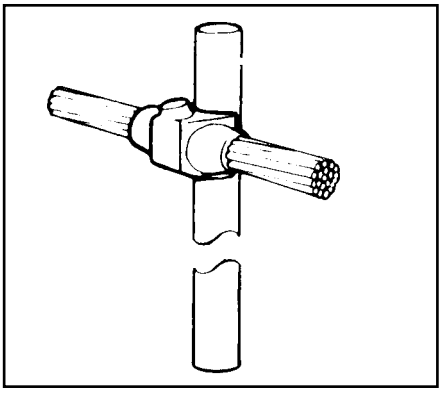
Cable to Ground Rod - Pictorial Index



CR1 Pages G17-G18



CR2 Pages G19-G20



CR3 Page G20

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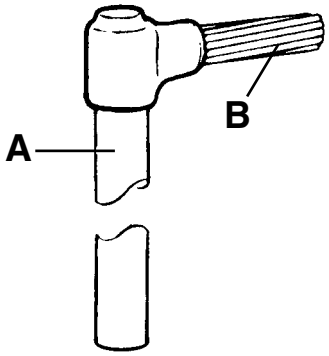
Cable to Ground Rod



- *Stranded Conductor*
- *Solid Circular Conductor*

CR1

Cat. No.	Rod Size (A)	Wire Size (B)	Welding Powder Size	Handle Clamp Type	Sleeve	Std. Ctn.
CR1-3-500#6	½" Nominal Diameter	6	65RTB	HCPK3	SLEEVE#6	1
CR1-3-500#6S	Actual Shank Dia. 0.476"	6 solid	65RTB	HCPK3	SLEEVE#6S	1
CR1-3-500#4	(Non UL Rod)	4	65RTB	HCPK3	-	1
CR1-3-500#4S		4 solid	45RTB	HCPK3	-	1
CR1-3-500#2		2	65RTB	HCPK3	-	1
CR1-3-500#2S		2 solid	65RTB	HCPK3	-	1
CR1-4-500#1		1	65RTB	HCPK4	-	1
CR1-4-5001/0		1/0	90RTB	HCPK4	-	1
CR1-4-5001/0S		1/0 solid	90RTB	HCPK4	-	1
CR1-4-5002/0		2/0	90RTB	HCPK4	-	1
CR1-4-5003/0		3/0	90RTB	HCPK4	-	1
CR1-4-5004/0		4/0	90RTB	HCPK4	-	1
CR1-4-500250K		250	90RTB	HCPK4	-	1
CR1-4-500300K		300	90RTB	HCPK4	-	1
CR1-3-500L#6	½" True Diameter	6	45RTB	HCPK3	1 X SLEEVE#6	1
CR1-3-500L#6S	Actual Shank Dia. 0.502"	6 solid	45RTB	HCPK3	1 X SLEEVE#6S	1
CR1-3-500L#4	(UL Rod)	4	45RTB	HCPK3	-	1
CR1-3-500L#4S		4 solid	45RTB	HCPK3	-	1
CR1-3-500L#2		2	65RTB	HCPK3	-	1
CR1-3-500L#2S		2 solid	65RTB	HCPK3	-	1
CR1-4-500L#1		1	65RTB	HCPK4	-	1
CR1-4-500L1/0		1/0	90RTB	HCPK4	-	1
CR1-4-500L1/0S		1/0 solid	90RTB	HCPK4	-	1
CR1-4-500L2/0		2/0	90RTB	HCPK4	-	1
CR1-4-500L3/0		3/0	90RTB	HCPK4	-	1
CR1-4-500L4/0		4/0	90RTB	HCPK4	-	1
CR1-4-500L250K		250	90RTB	HCPK4	-	1
CR1-4-500L300K		300	90RTB	HCPK4	-	1
CR1-3-625#6	⅝" Nominal Diameter	6	65RTB	HCPK3	1 X SLEEVE#6	1
CR1-3-625#6S	Actual Shank Dia. 0.560"	6 solid	65RTB	HCPK3	1 X SLEEVE#6S	1
CR1-3-625#4		4	65RTB	HCPK3	-	1
CR1-3-625#4S		4 solid	65RTB	HCPK3	-	1
CR1-4-625#2		2	65RTB	HCPK4	-	1
CR1-4-625#2S		2 solid	65RTB	HCPK4	-	1
CR1-4-625#1		1	65RTB	HCPK4	-	1
CR1-4-6251/0		1/0	90RTB	HCPK4	-	1
CR1-4-6251/0S		1/0 solid	90RTB	HCPK4	-	1
CR1-4-6252/0		2/0	90RTB	HCPK4	-	1
CR1-4-6253/0		3/0	90RTB	HCPK4	-	1
CR1-4-6254/0		4/0	90RTB	HCPK4	-	1
CR1-4-625250K		250	90RTB	HCPK4	-	1
CR1-4-625300K		300	115RTB	HCPK4	-	1
CR1-4-625350K		350	115RTB	HCPK4	-	1
CR1-4-625500K		500	150RTB	HCPK4	-	1

For Connections to Extensible (Threaded) Rods - Remove Top Threaded Section

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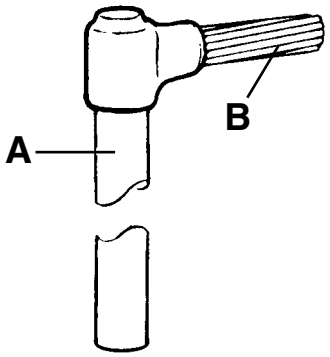
Cable to Ground Rod



- *Stranded Conductor*
- *Solid Circular Conductor*

CR1– Continued

Cat. No.	Rod Size (A)	Wire Size (B)	Welding Powder Size	Handle Clamp Type	Sleeve	Std. Ctn.
CR1-3-750#6	¾" Nominal Diameter	6	32RTB	HCPK3	1 X SLEEVE#6	1
CR1-3-750#6S	Actual Shank Dia. 0.678"	6 solid	32RTB	HCPK3	1 X SLEEVE#6S	1
CR1-3-750#4		4	45RTB	HCPK3	-	1
CR1-3-750#4S		4 solid	45RTB	HCPK3	-	1
CR1-4-750#2		2	90RTB	HCPK4	-	1
CR1-4-750#2S		2 solid	90RTB	HCPK4	-	1
CR1-4-750#1		1	90RTB	HCPK4	-	1
CR1-4-7501/0		1/0	90RTB	HCPK4	-	1
CR1-4-7501/0S		1/0 solid	90RTB	HCPK4	-	1
CR1-4-7502/0		2/0	90RTB	HCPK4	-	1
CR1-4-7503/0		3/0	90RTB	HCPK4	-	1
CR1-4-7504/0		4/0	90RTB	HCPK4	-	1
CR1-4-750250K		250	90RTB	HCPK4	-	1
CR1-4-750300K		300	115RTB	HCPK4	-	1
CR1-4-750350K		350	115RTB	HCPK4	-	1
CR1-4-750500K		500	150RTB	HCPK4	-	1

For Connections to Extensible (Threaded) Rods - Remove Top Threaded Section

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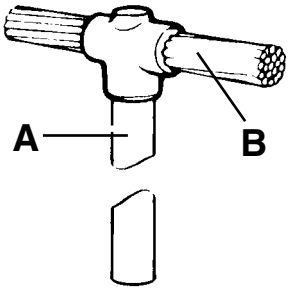
Cable to Ground Rod



- *Stranded Conductor*
- *Solid Circular Conductor*

CR2

Cat. No.	Rod Size (A)	Wire Size (B)	Welding Powder Size	Handle Clamp Type	Sleeve	Std. Ctn.
CR2-3-500#6	½" Nominal Diameter	6	65RTB	HCPK3	SLEEVE#6	1
CR2-3-500#6S	Actual Shank Dia. 0.476"	6 solid	65RTB	HCPK3	SLEEVE#6S	1
CR2-3-500#4	(Non UL Rod)	4	65RTB	HCPK3	-	1
CR2-3-500#4S		4 solid	65RTB	HCPK3	-	1
CR2-4-500#2		2	90RTB	HCPK3	-	1
CR2-4-500#2S		2 solid	90RTB	HCPK3	-	1
CR2-4-500#1		1	90RTB	HCPK4	-	1
CR2-4-5001/0		1/0	90RTB	HCPK4	-	1
CR2-4-5001/0S		1/0 solid	90RTB	HCPK4	-	1
CR2-4-5002/0		2/0	90RTB	HCPK4	-	1
CR2-4-5003/0		3/0	115RTB	HCPK4	-	1
CR2-4-5004/0		4/0	115RTB	HCPK4	-	1
CR2-4-500250K		250	150RTB	HCPK4	-	1
CR2-4-500300K		300	200RTB	HCPK4	-	1
CR2-3-500L#6	½" True Diameter	6	65RTB	HCPK3	SLEEVE#6	1
CR2-3-500L#6S	Actual Shank Dia. 0.502"	6 solid	65RTB	HCPK3	SLEEVE#6S	1
CR2-3-500L#4	(UL Rod)	4	65RTB	HCPK3	-	1
CR2-3-500L#4S		4 solid	65RTB	HCPK3	-	1
CR2-4-500L#2		2	90RTB	HCPK3	-	1
CR2-4-500L#2S		2 solid	90RTB	HCPK3	-	1
CR2-4-500L#1		1	90RTB	HCPK4	-	1
CR2-4-500L1/0		1/0	90RTB	HCPK4	-	1
CR2-4-500L1/0S		1/0 solid	90RTB	HCPK4	-	1
CR2-4-500L2/0		2/0	90RTB	HCPK4	-	1
CR2-4-500L3/0		3/0	115RTB	HCPK4	-	1
CR2-4-500L4/0		4/0	115RTB	HCPK4	-	1
CR2-4-500L250K		250	150RTB	HCPK4	-	1
CR2-4-500L300K		300	200RTB	HCPK4	-	1
CR2-3-625#6	⅝" Nominal Diameter	6	32RTB	HCPK3	SLEEVE#6	1
CR2-3-625#6S	Actual Shank Dia. 0.560"	6 solid	32RTB	HCPK3	SLEEVE#6S	1
CR2-3-625#4		4	32RTB	HCPK3	-	1
CR2-3-625#4S		4 solid	32RTB	HCPK3	-	1
CR2-4-625#2		2	90RTB	HCPK4	-	1
CR2-4-625#2S		2 solid	90RTB	HCPK4	-	1
CR2-4-625#1		1	90RTB	HCPK4	-	1
CR2-4-6251/0		1/0	90RTB	HCPK4	-	1
CR2-4-6251/0S		1/0 solid	115RTB	HCPK4	-	1
CR2-4-6252/0		2/0	115RTB	HCPK4	-	1
CR2-4-6253/0		3/0	115RTB	HCPK4	-	1
CR2-4-6254/0		4/0	115RTB	HCPK4	-	1
CR2-4-625250K		250	150RTB	HCPK4	-	1
CR2-4-625300K		300	200RTB	HCPK4	-	1
CR2-4-625350K		350	200RTB	HCPK4	-	1
CR2-4-625500K		500	250RTB	HCPK4	-	1

For Connections to Extensible (Threaded) Rods - Remove Top Threaded Section

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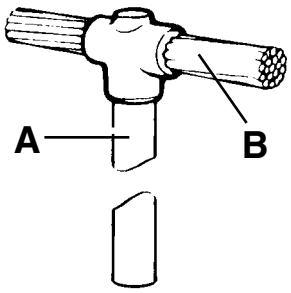
Cable to Ground Rod

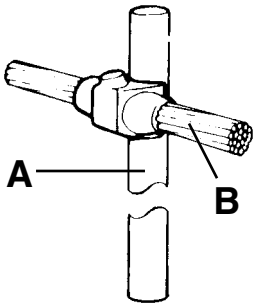


- *Stranded Conductor*
- *Solid Circular Conductor*

CR2 – Continued

Cat. No.	Rod Size (A)	Wire Size (B)	Welding Powder Size	Handle Clamp Type	Sleeve	Std. Ctn.
CR2-3-750#6	¾" Nominal Diameter	6	65RTB	HCPK3	SLEEVE#6	1
CR2-3-750#6S	Actual Shank Dia. 0.678"	6 solid	65RTB	HCPK3	SLEEVE#6S	1
CR2-3-750#4		4	65RTB	HCPK3	-	1
CR2-3-750#4S		4 solid	65RTB	HCPK3	-	1
CR2-4-750#2		2	90RTB	HCPK4	-	1
CR2-4-750#2S		2 solid	90RTB	HCPK4	-	1
CR2-4-750#1		1	90RTB	HCPK4	-	1
CR2-4-7501/0		1/0	115RTB	HCPK4	-	1
CR2-4-7501/0S		1/0 solid	115RTB	HCPK4	-	1
CR2-4-7502/0		2/0	115RTB	HCPK4	-	1
CR2-4-7503/0		3/0	115RTB	HCPK4	-	1
CR2-4-7504/0		4/0	115RTB	HCPK4	-	1
CR2-4-750250K		250	150RTB	HCPK4	-	1
CR2-4-750300K		300	200RTB	HCPK4	-	1
CR2-4-750350K		350	200RTB	HCPK4	-	1
CR2-4-750500K		500	250RTB	HCPK4	-	1

For Connections to Extensible (Threaded) Rods - Remove Top Threaded Section



- *Stranded Conductor*
- *Solid Circular Conductor*

CR3

Cat. No.	Rod Size (A)	Wire Size (B)	Welding Powder Size	Handle Clamp Type	Sleeve	Std. Ctn.
CR3-9-5001/0	½" Nominal Diameter	1/0	115RTB	HCPK4 and FRAME1	-	1
CR3-9-5001/0S	Actual Shank Dia. 0.476"	1/0 solid	115RTB	HCPK4 and FRAME1	-	1
CR3-9-5002/0	(Non UL Rod)	2/0	115RTB	HCPK4 and FRAME1	-	1
CR3-9-5003/0		3/0	150RTB	HCPK4 and FRAME1	-	1
CR3-9-5004/0		4/0	150RTB	HCPK4 and FRAME1	-	1
CR3-9-500250K		250	150RTB	HCPK4 and FRAME1	-	1
CR3-9-500300K		300	200RTB	HCPK4 and FRAME1	-	1
CR3-9-500L1/0	½" Nominal Diameter	1/0	115RTB	HCPK4 and FRAME1	-	1
CR3-9-500L1/0S	Actual Shank Dia. 0.502"	1/0 solid	115RTB	HCPK4 and FRAME1	-	1
CR3-9-500L2/0	(UL Rod)	2/0	115RTB	HCPK4 and FRAME1	-	1
CR3-9-500L3/0		3/0	150RTB	HCPK4 and FRAME1	-	1
CR3-9-500L4/0		4/0	150RTB	HCPK4 and FRAME1	-	1
CR3-9-500L250K		250	150RTB	HCPK4 and FRAME1	-	1
CR3-9-500300K		300	200RTB	HCPK4 and FRAME1	-	1
CR3-9-6251/0	⅝" Nominal Diameter	1/0	115RTB	HCPK4 and FRAME1	-	1
CR3-9-6251/0S	Actual Shank Dia. 0.560"	1/0 solid	115RTB	HCPK4 and FRAME1	-	1
CR3-9-6252/0		2/0	115RTB	HCPK4 and FRAME1	-	1
CR3-9-6253/0		3/0	150RTB	HCPK4 and FRAME1	-	1
CR3-9-6254/0		4/0	150RTB	HCPK4 and FRAME1	-	1
CR3-9-625250K		250	150RTB	HCPK4 and FRAME1	-	1
CR3-9-625300K		300	200RTB	HCPK4 and FRAME1	-	1
CR3-9-625350K		350	250RTB	HCPK4 and FRAME1	-	1
CR3-10-625500K		500	2 X 200RTB	HCPK5 and FRAME2	-	1
CR3-9-7501/0	¾" Nominal Diameter	1/0	115RTB	HCPK5 and FRAME2	-	1
CR3-9-7501/0S	Actual Shank Dia. 0.678"	1/0 solid	115RTB	HCPK4 and FRAME1	-	1
CR3-9-7502/0		2/0	115RTB	HCPK4 and FRAME1	-	1
CR3-9-7503/0		3/0	115RTB	HCPK4 and FRAME1	-	1
CR3-9-7504/0		4/0	115RTB	HCPK4 and FRAME1	-	1
CR3-9-750250K		250	200RTB	HCPK4 and FRAME1	-	1
CR3-9-750300K		300	200RTB	HCPK4 and FRAME1	-	1
CR3-10-750350K		350	2 X 150RTB	HCPK5 and FRAME2	-	1
CR3-10-750500K		500	2 X 250RTB	HCPK5 and FRAME2	-	1

For Connections to Extensible (Threaded) Rods - Remove Top Threaded Section

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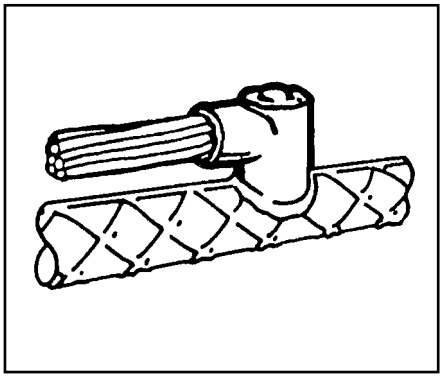
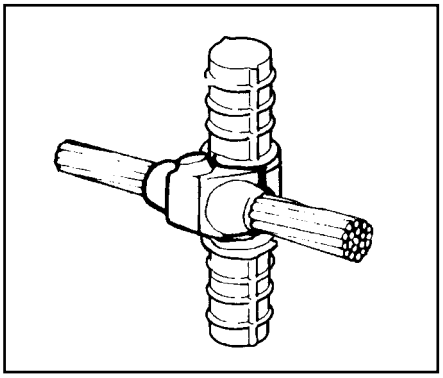
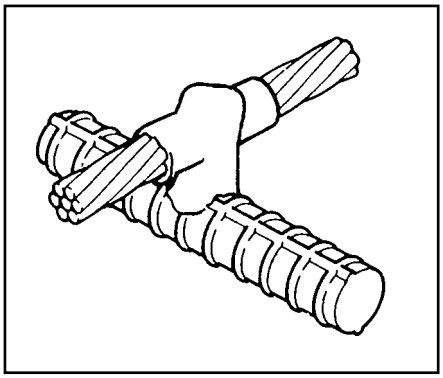
Cable to Re-Bar - Pictorial Index



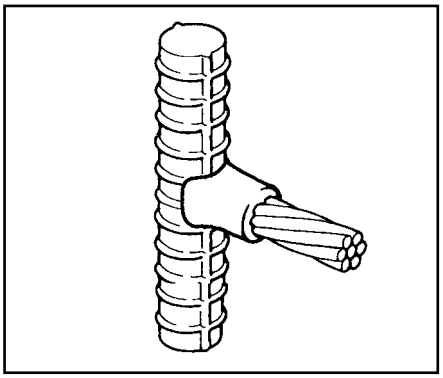
CRE1 Page G22



CRE3 Page G22



CRE4 Page G23



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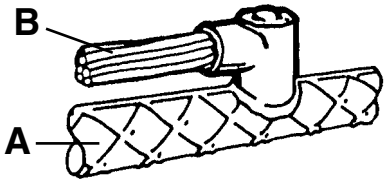
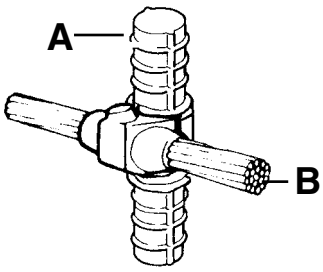
Cable to Re-Bar



- *Stranded Conductor*
- *Solid Circular Conductor*

CRE1

Cat. No.	Rebar Size (A)	Wire Size (B)	Welding Powder Size	Handle Clamp Type	Sleeve	Packing	Std. Ctn.
CRE1-4-#43R	3	4	32RTB	HCPK4	-	None	1
CRE1-4-#2S3R		2 solid	45RTB	HCPK4	-	None	1
CRE1-4-#23R		2	45RTB	HCPK4	-	None	1
CRE1-4-#13R		1	65RTB	HCPK4	-	None	1
CRE1-4-1/03R		1/0	90RTB	HCPK4	-	None	1
CRE1-4-2/03R		2/0	90RTB	HCPK4	-	None	1
CRE1-4-3/03R		3/0	115RTB	HCPK4	-	None	1
CRE1-3-#4Z	4 TO 7	4	32RTB	HCPK3B	-	Pack-A	1
CRE1-3-#2SZ		2 solid	45RTB	HCPK3B	-	Pack-A	1
CRE1-3-#2Z		2	45RTB	HCPK3B	-	Pack-A	1
CRE1-3-#1Z		1	65RTB	HCPK3B	-	Pack-A	1
CRE1-3-1/0Z		1/0	90RTB	HCPK3B	-	Pack-A	1
CRE1-3-2/0Z		2/0	90RTB	HCPK3B	-	Pack-A	1
CRE1-3-3/0Z		3/0	115RTB	HCPK3B	-	Pack-A	1
CRE1-3-4/0Z		4/0	115RTB	HCPK3B	-	Pack-A	1
CRE1-3-#4Y	8 TO 11	4	32RTB	HCPK3B	-	Pack-A	1
CRE1-3-#2SY		2 solid	45RTB	HCPK3B	-	Pack-A	1
CRE1-3-#2Y		2	45RTB	HCPK3B	-	Pack-A	1
CRE1-3-#1Y		1	65RTB	HCPK3B	-	Pack-A	1
CRE1-3-1/0Y		1/0	90RTB	HCPK3B	-	Pack-A	1
CRE1-3-2/0Y		2/0	90RTB	HCPK3B	-	Pack-A	1
CRE1-3-3/0Y		3/0	115RTB	HCPK3B	-	Pack-A	1
CRE1-3-4/0Y		4/0	115RTB	HCPK3B	-	Pack-A	1



- *Stranded Conductor*
- *Solid Circular Conductor*

CRE3

Cat. No.	Rebar Size (A)	Wire Size (B)	Welding Powder Size	Handle Clamp Type	Sleeve	Packing	Std. Ctn.
CRE3-3-#4Z	4 TO 7	4	90RTB	HCPK3A	-	Pack-A	1
CRE3-3#2SZ		2 solid	90RTB	HCPK3A	-	Pack-A	1
CRE3-3-#2Z		2	90RTB	HCPK3A	-	Pack-A	1
CRE3-4-#1Z		1	115RTB	HCPK3A	-	Pack-A	1
CRE3-4-1/0Z		1/0	115RTB	HCPK3A	-	Pack-A	1
CRE3-4-2/0Z		2/0	115RTB	HCPK3A	-	Pack-A	1
CRE3-4-3/0Z		3/0	150RTB	HCPK3A	-	Pack-A	1
CRE3-4-4/0Z		4/0	150RTB	HCPK3A	-	Pack-A	1
CRE3-3-#4Y	8 TO 11	4	90RTB	HCPK3A	-	Pack-A	1
CRE3-3-#2SY		2 solid	90RTB	HCPK3A	-	Pack-A	1
CRE3-3-#2Y		2	90RTB	HCPK3A	-	Pack-A	1
CRE3-4-#1Y		1	115RTB	HCPK3A	-	Pack-A	1
CRE3-4-1/0Y		1/0	115RTB	HCPK3A	-	Pack-A	1
CRE3-4-2/0Y		2/0	115RTB	HCPK3A	-	Pack-A	1
CRE3-4-3/0Y		3/0	150RTB	HCPK3A	-	Pack-A	1
CRE3-4-4/0Y		4/0	150RTB	HCPK3A	-	Pack-A	1

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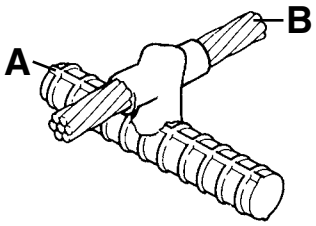
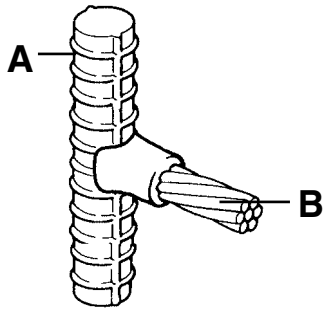
Cable to Re-Bar



- *Stranded Conductor*
- *Solid Circular Conductor*

CRE4

Cat. No.	Rebar Size (A)	Wire Size (B)	Welding Powder Size	Handle Clamp Type	Cradle	Sleeve	Packing	Std. Ctn.
CRE4-3-#4Z	4 TO 7	4	65RTB	HCPK3B	HCPK3BMOD	-	Pack-A	1
CRE4-3-#2SZ		2 solid	90RTB	HCPK3B	HCPK3BMOD	-	Pack-A	1
CRE4-3-#2Z		2	90RTB	HCPK3B	HCPK3BMOD	-	Pack-A	1
CRE4-3-#1Z		1	90RTB	HCPK3B	HCPK3BMOD	-	Pack-A	1
CRE4-3-1/0Z		1/0	115RTB	HCPK3B	HCPK3BMOD	-	Pack-A	1
CRE4-3-2/0Z		2/0	115RTB	HCPK3B	HCPK3BMOD	-	Pack-A	1
CRE4-3-3/0Z		3/0	115RTB	HCPK3B	HCPK3BMOD	-	Pack-A	1
CRE4-3-4/0Z		4/0	115RTB	HCPK3B	HCPK3BMOD	-	Pack-A	1
CRE4-3-#4Y	8 TO 11	4	65RTB	HCPK3B	HCPK3BMOD	-	Pack-A	1
CRE4-3-#2SY		2 solid	90RTB	HCPK3B	HCPK3BMOD	-	Pack-A	1
CRE4-3-#2Y		2	90RTB	HCPK3B	HCPK3BMOD	-	Pack-A	1
CRE4-3-#1Y		1	90RTB	HCPK3B	HCPK3BMOD	-	Pack-A	1
CRE4-3-1/0Y		1/0	115RTB	HCPK3B	HCPK3BMOD	-	Pack-A	1
CRE4-3-2/0Y		2/0	115RTB	HCPK3B	HCPK3BMOD	-	Pack-A	1
CRE4-3-3/0Y		3/0	115RTB	HCPK3B	HCPK3BMOD	-	Pack-A	1
CRE4-3-4/0Y		4/0	115RTB	HCPK3B	HCPK3BMOD	-	Pack-A	1



- *Stranded Conductor*
- *Solid Circular Conductor*

CRE6

Cat. No.	Rebar Size (A)	Wire Size (B)	Welding Powder Size	Handle Clamp Type	Sleeve	Packing	Std. Ctn.
CRE6-3-#4Z	4 TO 7	4	65RTB	HCPK3A	-	Pack-A	1
CRE6-3#2SZ		2 solid	65RTB	HCPK3A	-	Pack-A	1
CRE6-3-#2Z		2	65RTB	HCPK3A	-	Pack-A	1
CRE6-3-#1Z		1	90RTB	HCPK3A	-	Pack-A	1
CRE6-4-1/0Z		1/0	115RTB	HCPK3A	-	Pack-A	1
CRE6-4-2/0Z		2/0	115RTB	HCPK3A	-	Pack-A	1
CRE6-4-3/0Z		3/0	150RTB	HCPK3A	-	Pack-A	1
CRE6-4-4/0Z		4/0	150RTB	HCPK3A	-	Pack-A	1
CRE6-3-#4Y	8 TO 11	4	65RTB	HCPK3A	-	Pack-A	1
CRE6-3-#2SY		2 solid	65RTB	HCPK3A	-	Pack-A	1
CRE6-3-#2Y		2	65RTB	HCPK3A	-	Pack-A	1
CRE6-3-#1Y		1	90RTB	HCPK3A	-	Pack-A	1
CRE6-4-1/0Y		1/0	115RTB	HCPK3A	-	Pack-A	1
CRE6-4-2/0Y		2/0	115RTB	HCPK3A	-	Pack-A	1
CRE6-4-3/0Y		3/0	150RTB	HCPK3A	-	Pack-A	1
CRE6-4-4/0Y		4/0	150RTB	HCPK3A	-	Pack-A	1

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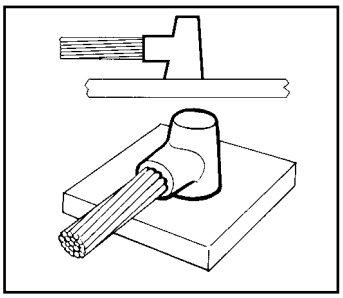
Cable to Steel Surface and Pipe - Pictorial Index



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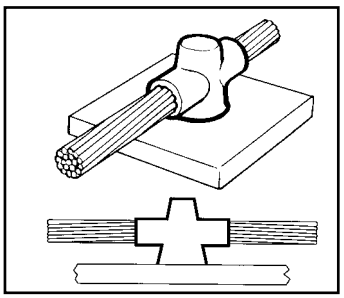

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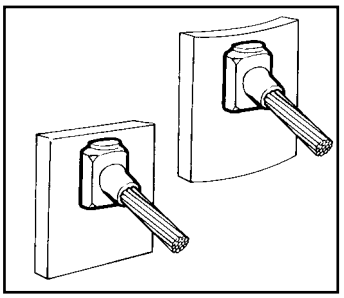

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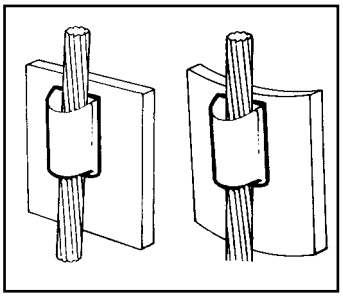

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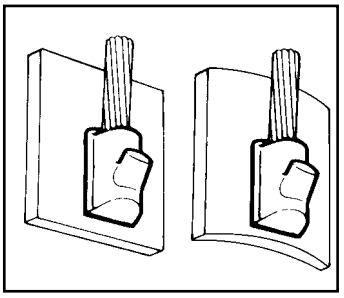

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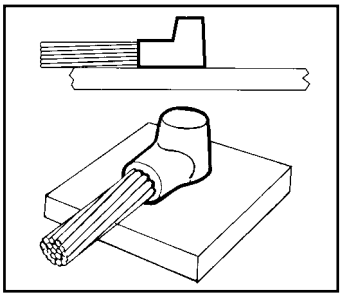

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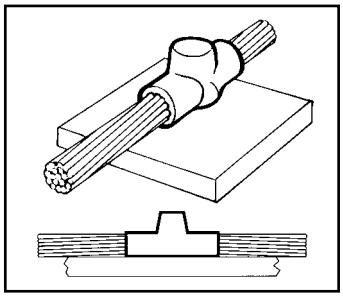

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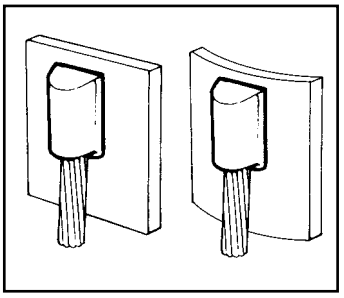

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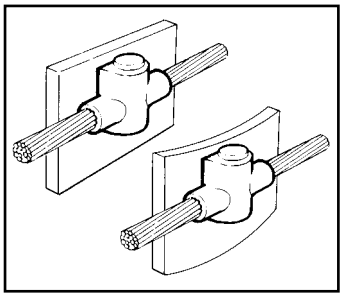

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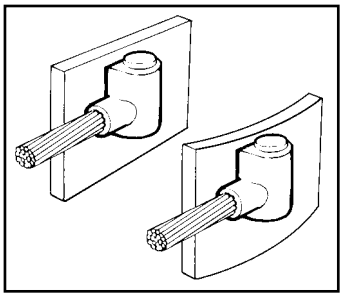

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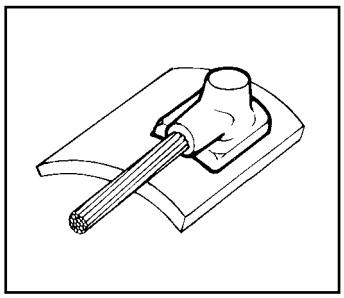

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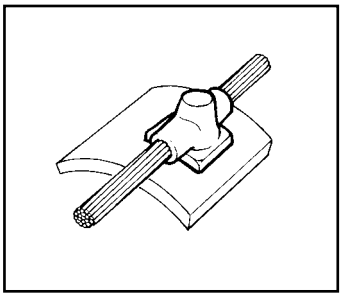

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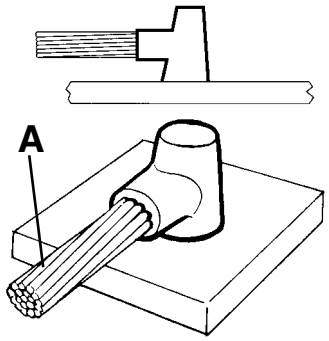
Cable to Steel Surface and Pipe

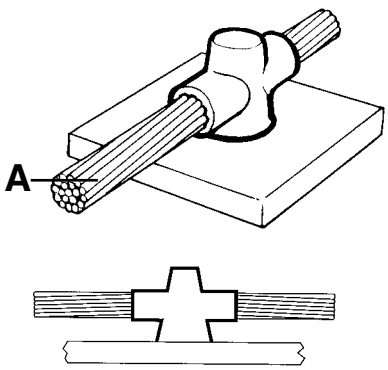


- *Stranded Conductor*
- *Solid Circular Conductor*

CS1 – For Flat Surfaces

Cat. No.	Wire Size (A)	Welding Powder Size	Handle Clamp Type	Sleeve	Std. Ctn.
CS1-4-1/0	1/0	90RTB	HCPK4	-	1
CS1-4-2/0	2/0	90RTB	HCPK4	-	1
CS1-4-3/0	3/0	115RTB	HCPK4	-	1
CS1-4-4/0	4/0	115RTB	HCPK4	-	1
CS1-4-250K	250	115RTB	HCPK4	-	1
CS1-4-300K	300	150RTB	HCPK4	-	1
CS1-4-350K	350	200RTB	HCPK4	-	1
CS1-4-500K	500	200RTB	HCPK4	-	1
CS1-4-750K	750	2 X 150RTB	HCPK4	-	1
CS1-4-1000K	1000	2 X 200RTB	HCPK4	-	1

Mold Sealing Compound (MSC) will be required if surface is uneven.



- *Stranded Conductor*
- *Solid Circular Conductor*

CS2 – For Flat Surfaces

Cat. No.	Wire Size (A)	Welding Powder Size	Handle Clamp Type	Sleeve	Std. Ctn.
CS2-4-1/0	1/0	90RTB	HCPK4	-	1
CS2-4-2/0	2/0	115RTB	HCPK4	-	1
CS2-4-3/0	3/0	115RTB	HCPK4	-	1
CS2-4-4/0	4/0	150RTB	HCPK4	-	1
CS2-4-250K	250	150RTB	HCPK4	-	1
CS2-4-300K	300	200RTB	HCPK4	-	1
CS2-4-350K	350	250RTB	HCPK4	-	1
CS2-5-500K	500	2 X 150RTB	HCPK4	-	1

Mold Sealing Compound (MSC) will be required if surface is uneven.

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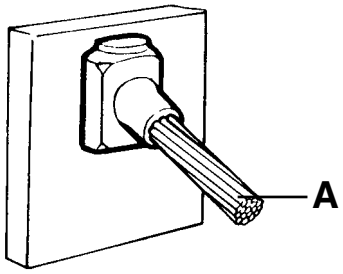
Furseweld®

Cable to Steel Surface and Pipe

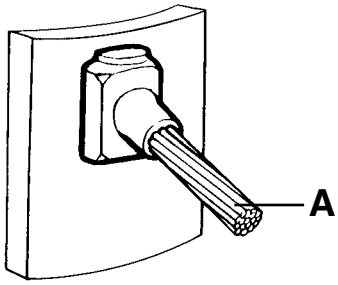


- *Stranded Conductor*
- *Solid Circular Conductor*

CS3 – For Flat Surfaces

Cat. No.	Wire Size (A)	Welding Powder Size	Handle Clamp Type	Sleeve	Std. Ctn.
CS3-4-#6	#6	45RTB	HCPK4	SLEEVE#6	1
CS3-4-#4	#4	45RTB	HCPK4	-	1
CS3-4-#2S	#2 solid	45RTB	HCPK4	-	1
CS3-4-#2	#2	45RTB	HCPK4	-	1
CS3-4-#1	#1	65RTB	HCPK4	-	1
CS3-4-1/0	1/0	90RTB	HCPK4	-	1
CS3-4-2/0	2/0	90RTB	HCPK4	-	1
CS3-4-3/0	3/0	115RTB	HCPK4	-	1
CS3-4-4/0	4/0	115RTB	HCPK4	-	1
CS3-4-250K	250	115RTB	HCPK4	-	1
CS3-4-300K	300	150RTB	HCPK4	-	1
CS3-4-350K	350	200RTB	HCPK4	-	1
CS3-4-500K	500	200RTB	HCPK4	-	1
CS3-5-750K	750	2 X 150RTB	HCPK5	-	1
CS3-5-1000K	1000	2 X 200RTB	HCPK5	-	1

Mold Sealing Compound (MSC) will be required if surface is uneven.



- *Stranded Conductor*
- *Solid Circular Conductor*

CS3 – For Pipes

Cat. No.	Wire Size (A)	Pipe Size (B)	Welding Powder Size	Handle Clamp Type	Sleeve	Std. Ctn.
CS3-4-#4C	#4	1½" to 2¾"	45RTB	HCPK4	-	1
CS3-4-#4D		2¾" to 6½"	45RTB	HCPK4	-	1
CS3-4-#4F		6½" to 10"	45RTB	HCPK4	-	1
CS3-4-#4G		10" to 14"	45RTB	HCPK4	-	1
CS3-4-#2SC	#2 solid	1½" to 2¾"	45RTB	HCPK4	-	1
CS3-4-#2SD		2¾" to 6½"	45RTB	HCPK4	-	1
CS3-4-#2SF		6½" to 10"	45RTB	HCPK4	-	1
CS3-4-#2SG		10" to 14"	45RTB	HCPK4	-	1
CS3-4-#2C	#2	1½" to 2¾"	45RTB	HCPK4	-	1
CS3-4-#2D		2¾" to 6½"	45RTB	HCPK4	-	1
CS3-4-#2F		6½" to 10"	45RTB	HCPK4	-	1
CS3-4-#2G		10" to 14"	45RTB	HCPK4	-	1
CS3-4-#1C	#1	1½" to 2¾"	65RTB	HCPK4	-	1
CS3-4-#1D		2¾" to 6½"	65RTB	HCPK4	-	1
CS3-4-#1F		6½" to 10"	65RTB	HCPK4	-	1
CS3-4-#1G		10" to 14"	65RTB	HCPK4	-	1
CS3-4-#1/0C	1/0	1½" to 2¾"	90RTB	HCPK4	-	1
CS3-4-#1/0D		2¾" to 6½"	90RTB	HCPK4	-	1
CS3-4-#1/0F		6½" to 10"	90RTB	HCPK4	-	1
CS3-4-#1/0G		10" to 14"	90RTB	HCPK4	-	1
CS3-4-#2/0C	2/0	1½" to 2¾"	90RTB	HCPK4	-	1
CS3-4-#2/0D		2¾" to 6½"	90RTB	HCPK4	-	1
CS3-4-#2/0F		6½" to 10"	90RTB	HCPK4	-	1
CS3-4-#2/0G		10" to 14"	90RTB	HCPK4	-	1
CS3-4-#3/0C	3/0	1½" to 2¾"	115RTB	HCPK4	-	1
CS3-4-#3/0D		2¾" to 6½"	115RTB	HCPK4	-	1
CS3-4-#3/0F		6½" to 10"	115RTB	HCPK4	-	1
CS3-4-#3/0G		10" to 14"	115RTB	HCPK4	-	1
CS3-4-#4/0C	4/0	1½" to 2¾"	115RTB	HCPK4	-	1
CS3-4-#4/0D		2¾" to 6½"	115RTB	HCPK4	-	1
CS3-4-#4/0F		6½" to 10"	115RTB	HCPK4	-	1
CS3-4-#4/0G		10" to 14"	115RTB	HCPK4	-	1

OVER 14" USE CS3 FOR FLAT SURFACE
Use Mold Sealing Compound (MSC) to ensure effective sealing.

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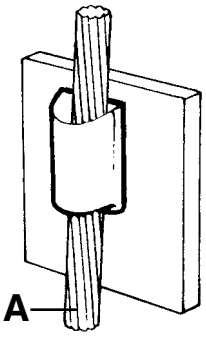
Cable to Steel Surface and Pipe

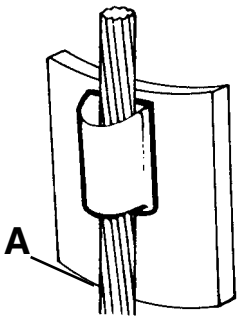


- *Stranded Conductor*
- *Solid Circular Conductor*

CS4 – For Flat Surfaces

Cat. No.	Wire Size (A)	Welding Powder Size	Handle Clamp Type	Sleeve	Std. Ctn.
CS4-4-#6	#6	90RTB	HCPK4	SLEEVE#6	1
CS4-4-#4	#4	90RTB	HCPK4	-	1
CS4-4-#2S	#2 solid	115RTB	HCPK4	-	1
CS4-4-#2	#2	115RTB	HCPK4	-	1
CS4-4-#1	#1	115RTB	HCPK4	-	1
CS4-5-1/0	1/0	200RTB	HCPK5	-	1
CS4-5-2/0	2/0	200RTB	HCPK5	-	1
CS4-5-3/0	3/0	250RTB	HCPK5	-	1
CS4-5-4/0	4/0	250RTB	HCPK5	-	1
CS4-5-250K	250	250RTB	HCPK5	-	1

Mold Sealing Compound (MSC) will be required if surface is uneven.



- *Stranded Conductor*
- *Solid Circular Conductor*

CS4 – For Pipes

Cat. No.	Wire Size (A)	Pipe Size (B)	Welding Powder Size	Handle Clamp Type	Sleeve	Std. Ctn.
CS4-4-#4C	#4	1½" to 2¾"	90RTB	HCPK4	-	1
CS4-4-#4D		2¾" to 6½"	90RTB	HCPK4	-	1
CS4-4-#4F		6½" to 10"	90RTB	HCPK4	-	1
CS4-4-#4G		10" to 14"	90RTB	HCPK4	-	1
CS4-4-#2SC	#2 solid	1½" to 2¾"	115RTB	HCPK4	-	1
CS4-4-#2SD		2¾" to 6½"	115RTB	HCPK4	-	1
CS4-4-#2SF		6½" to 10"	115RTB	HCPK4	-	1
CS4-4-#2SG		10" to 14"	115RTB	HCPK4	-	1
CS4-4-#2C	#2	1½" to 2¾"	115RTB	HCPK4	-	1
CS4-4-#2D		2¾" to 6½"	115RTB	HCPK4	-	1
CS4-4-#2F		6½" to 10"	115RTB	HCPK4	-	1
CS4-4-#2G		10" to 14"	115RTB	HCPK4	-	1
CS4-4-#1C	#1	1½" to 2¾"	115RTB	HCPK4	-	1
CS4-4-#1D		2¾" to 6½"	115RTB	HCPK4	-	1
CS4-4-#1F		6½" to 10"	115RTB	HCPK4	-	1
CS4-4-#1G		10" to 14"	115RTB	HCPK4	-	1
CS4-5-1/0C	1/0	1½" to 2¾"	200RTB	HCPK5	-	1
CS4-5-1/0D		2¾" to 6½"	200RTB	HCPK5	-	1
CS4-5-1/0F		6½" to 10"	200RTB	HCPK5	-	1
CS4-5-1/0G		10" to 14"	200RTB	HCPK5	-	1
CS4-5-2/0C	2/0	1½" to 2¾"	200RTB	HCPK5	-	1
CS4-5-2/0D		2¾" to 6½"	200RTB	HCPK5	-	1
CS4-5-2/0F		6½" to 10"	200RTB	HCPK5	-	1
CS4-5-2/0G		10" to 14"	200RTB	HCPK5	-	1
CS4-5-3/0C	3/0	1½" to 2¾"	250RTB	HCPK5	-	1
CS4-5-3/0D		2¾" to 6½"	250RTB	HCPK5	-	1
CS4-5-3/0F		6½" to 10"	250RTB	HCPK5	-	1
CS4-5-3/0G		10" to 14"	250RTB	HCPK5	-	1
CS4-5-4/0C	4/0	1½" to 2¾"	250RTB	HCPK5	-	1
CS4-5-4/0D		2¾" to 6½"	250RTB	HCPK5	-	1
CS4-5-4/0F		6½" to 10"	250RTB	HCPK5	-	1
CS4-5-4/0G		10" to 14"	250RTB	HCPK5	-	1

OVER 14" USE CS4 FOR FLAT SURFACE

Use Mold Sealing Compound (MSC) to ensure effective sealing.

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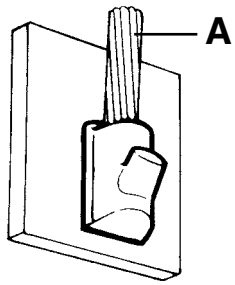
Cable to Steel Surface and Pipe

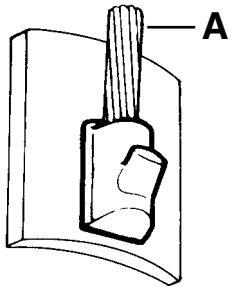


- *Stranded Conductor*
- *Solid Circular Conductor*

CS7 – For Flat Surfaces

Cat. No.	Wire Size (A)	Welding Powder Size	Handle Clamp Type	Sleeve	Std. Ctn.
CS7-4-#4	#4	65RTB	HCPK4	-	1
CS7-4-#2S	#2 solid	65RTB	HCPK4	-	1
CS7-4-#2	#2	65RTB	HCPK4	-	1
CS7-4-#1	#1	90RTB	HCPK4	-	1
CS7-4-1/0	1/0	90RTB	HCPK4	-	1
CS7-4-2/0	2/0	150RTB	HCPK4	-	1
CS7-5-3/0	3/0	200RTB	HCPK4	-	1
CS7-5-4/0	4/0	200RTB	HCPK4	-	1
CS7-5-250K	250	200RTB	HCPK4	-	1
CS7-5-300K	300	250RTB	HCPK4	-	1
CS7-6-350K	350	2 X 150RTB	HCPK5	-	1
CS7-6-500K	500	2 X 200RTB	HCPK5	-	1

Use Mold Sealing Compound (MSC) to ensure effective sealing.



- *Stranded Conductor*
- *Solid Circular Conductor*

CS7 – For Pipes

Cat. No.	Wire Size (A)	Pipe Size (B)	Welding Powder Size	Handle Clamp Type	Sleeve	Std. Ctn.
CS7-4-#4C	#4	1½" to 2¾"	65RTB	HCPK4	-	1
CS7-4-#4D		2¾" to 6½"	65RTB	HCPK4	-	1
CS7-4-#4F		6½" to 10"	65RTB	HCPK4	-	1
CS7-4-#4G		10" to 14"	65RTB	HCPK4	-	1
CS7-4-#2SC	#2 solid	1½" to 2¾"	65RTB	HCPK4	-	1
CS7-4-#2SD		2¾" to 6½"	65RTB	HCPK4	-	1
CS7-4-#2SF		6½" to 10"	65RTB	HCPK4	-	1
CS7-4-#2SG		10" to 14"	65RTB	HCPK4	-	1
CS7-4-#2C	#2	1½" to 2¾"	65RTB	HCPK4	-	1
CS7-4-#2D		2¾" to 6½"	65RTB	HCPK4	-	1
CS7-4-#2F		6½" to 10"	65RTB	HCPK4	-	1
CS7-4-#2G		10" to 14"	65RTB	HCPK4	-	1
CS7-4-#1C	#1	1½" to 2¾"	90RTB	HCPK4	-	1
CS7-4-#1D		2¾" to 6½"	90RTB	HCPK4	-	1
CS7-4-#1F		6½" to 10"	90RTB	HCPK4	-	1
CS7-4-#1G		10" to 14"	90RTB	HCPK4	-	1
CS7-4-1/0C	1/0	1½" to 2¾"	90RTB	HCPK4	-	1
CS7-4-1/0D		2¾" to 6½"	90RTB	HCPK4	-	1
CS7-4-1/0F		6½" to 10"	90RTB	HCPK4	-	1
CS7-4-1/0G		10" to 14"	90RTB	HCPK4	-	1
CS7-4-2/0C	2/0	1½" to 2¾"	150RTB	HCPK4	-	1
CS7-4-2/0D		2¾" to 6½"	150RTB	HCPK4	-	1
CS7-4-2/0F		6½" to 10"	150RTB	HCPK4	-	1
CS7-4-2/0G		10" to 14"	150RTB	HCPK4	-	1
CS7-5-3/0C	3/0	1½" to 2¾"	200RTB	HCPK4	-	1
CS7-5-3/0D		2¾" to 6½"	200RTB	HCPK4	-	1
CS7-5-3/0F		6½" to 10"	200RTB	HCPK4	-	1
CS7-5-3/0G		10" to 14"	200RTB	HCPK4	-	1
CS7-5-4/0C	4/0	1½" to 2¾"	200RTB	HCPK4	-	1
CS7-5-4/0D		2¾" to 6½"	200RTB	HCPK4	-	1
CS7-5-4/0F		6½" to 10"	200RTB	HCPK4	-	1
CS7-5-4/0G		10" to 14"	200RTB	HCPK4	-	1

OVER 14" USE CS7 FOR FLAT SURFACE

Use Mold Sealing Compound (MSC) to ensure effective sealing.

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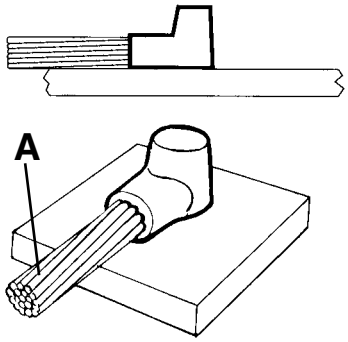
Cable to Steel Surface and Pipe

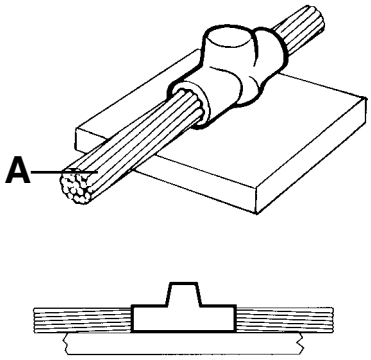


- *Stranded Conductor*
- *Solid Circular Conductor*

CS8 – For Flat Surfaces

Cat. No.	Wire Size (A)	Welding Powder Size	Handle Clamp Type	Sleeve	Std. Ctn.
CS8-2-#6	#6	45RTB	HCPK2	SLEEVE#6	1
CS8-2-#4	#4	45RTB	HCPK2	-	1
CS8-2-#2S	#2 solid	45RTB	HCPK2	-	1
CS8-2-#2	#2	45RTB	HCPK2	-	1
CS8-2-#1	#1	65RTB	HCPK2	-	1

Use Mold Sealing Compound (MSC) to ensure effective sealing.



- *Stranded Conductor*
- *Solid Circular Conductor*

CS9 – For Flat Surfaces

Cat. No.	Wire Size (A)	Welding Powder Size	Handle Clamp Type	Sleeve	Std. Ctn.
CS9-2-#6	#6	45RTB	HCPK2	SLEEVE#6	1
CS9-2-#4	#4	45RTB	HCPK2	-	1
CS9-2-#2S	#2 solid	45RTB	HCPK2	-	1
CS9-2-#2	#2	45RTB	HCPK2	-	1
CS9-2-#1	#1	65RTB	HCPK2	-	1

Use Mold Sealing Compound (MSC) to ensure effective sealing.

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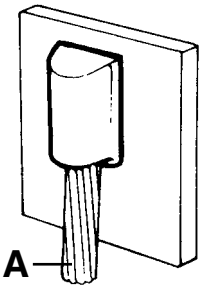
Cable to Steel Surface and Pipe

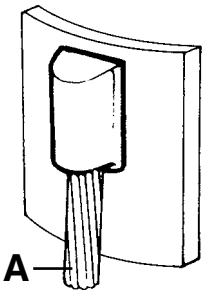


- *Stranded Conductor*
- *Solid Circular Conductor*

CS25 – For Flat Surfaces

Cat. No.	Wire Size (A)	Welding Powder Size	Handle Clamp Type	Sleeve	Std. Ctn.
CS25-4-#4	#4	65RTB	HCPK4	-	1
CS25-4-#2S	#2 solid	65RTB	HCPK4	-	1
CS25-4-#2	#2	65RTB	HCPK4	-	1
CS25-4-#1	#1	90RTB	HCPK4	-	1
CS25-4-1/0	1/0	115RTB	HCPK4	-	1
CS25-4-2/0	2/0	115RTB	HCPK4	-	1
CS25-4-3/0	3/0	150RTB	HCPK4	-	1
CS25-4-4/0	4/0	150RTB	HCPK4	-	1
CS25-4-250K	250	200RTB	HCPK4	-	1
CS25-4-300K	300	200RTB	HCPK4	-	1
CS25-4-350K	350	250RTB	HCPK4	-	1
CS25-4-500K	500	250RTB	HCPK4	-	1

Use Mold Sealing Compound (MSC) to ensure effective sealing.



- *Stranded Conductor*
- *Solid Circular Conductor*

CS25 – For Pipes

Cat. No.	Wire Size (A)	Pipe Size (B)	Welding Powder Size	Handle Clamp Type	Sleeve	Std. Ctn.
CS25-4-#4C	#4	1½" to 2¾"	65RTB	HCPK4	-	1
CS25-4-#4D		2¾" to 6½"	65RTB	HCPK4	-	1
CS25-4-#4F		6½" to 10"	65RTB	HCPK4	-	1
CS25-4-#4G		10" to 14"	65RTB	HCPK4	-	1
CS25-4-#2SC	#2 solid	1½" to 2¾"	65RTB	HCPK4	-	1
CS25-4-#2SD		2¾" to 6½"	65RTB	HCPK4	-	1
CS25-4-#2SF		6½" to 10"	65RTB	HCPK4	-	1
CS25-4-#2SG		10" to 14"	65RTB	HCPK4	-	1
CS25-4-#2C	#2	1½" to 2¾"	65RTB	HCPK4	-	1
CS25-4-#2D		2¾" to 6½"	65RTB	HCPK4	-	1
CS25-4-#2F		6½" to 10"	65RTB	HCPK4	-	1
CS25-4-#2G		10" to 14"	65RTB	HCPK4	-	1
CS25-4-#1C	#1	1½" to 2¾"	90RTB	HCPK4	-	1
CS25-4-#1D		2¾" to 6½"	90RTB	HCPK4	-	1
CS25-4-#1F		6½" to 10"	90RTB	HCPK4	-	1
CS25-4-#1G		10" to 14"	90RTB	HCPK4	-	1
CS25-4-1/0C	1/0	1½" to 2¾"	90RTB	HCPK4	-	1
CS25-4-1/0D		2¾" to 6½"	90RTB	HCPK4	-	1
CS25-4-1/0F		6½" to 10"	90RTB	HCPK4	-	1
CS25-4-1/0G		10" to 14"	90RTB	HCPK4	-	1
CS25-4-2/0C	2/0	1½" to 2¾"	150RTB	HCPK4	-	1
CS25-4-2/0D		2¾" to 6½"	150RTB	HCPK4	-	1
CS25-4-2/0F		6½" to 10"	150RTB	HCPK4	-	1
CS25-4-2/0G		10" to 14"	150RTB	HCPK4	-	1
CS25-4-3/0C	3/0	1½" to 2¾"	200RTB	HCPK4	-	1
CS25-4-3/0D		2¾" to 6½"	200RTB	HCPK4	-	1
CS25-4-3/0F		6½" to 10"	200RTB	HCPK4	-	1
CS25-4-3/0G		10" to 14"	200RTB	HCPK4	-	1
CS25-4-4/0C	4/0	1½" to 2¾"	200RTB	HCPK4	-	1
CS25-4-4/0D		2¾" to 6½"	200RTB	HCPK4	-	1
CS25-4-4/0F		6½" to 10"	200RTB	HCPK4	-	1
CS25-4-4/0G		10" to 14"	200RTB	HCPK4	-	1

OVER 14" USE CS7 FOR FLAT SURFACE

Use Mold Sealing Compound (MSC) to ensure effective sealing.

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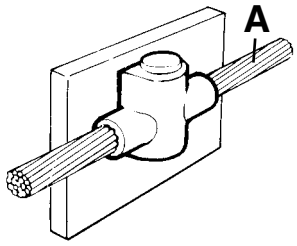
Furseweld®

Cable to Steel Surface and Pipe

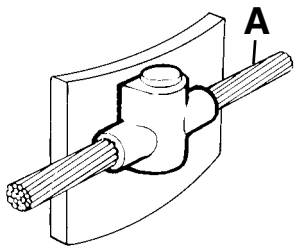


- *Stranded Conductor*
- *Solid Circular Conductor*

CS27 – For Flat Surfaces

Cat. No.	Wire Size (A)	Welding Powder Size	Handle Clamp Type	Sleeve	Std. Ctn.
CS27-4-#6	#6	45RTB	HCPK4	SLEEVE#6	1
CS27-4-#4	#4	45RTB	HCPK4	-	1
CS27-4-#2S	#2 solid	45RTB	HCPK4	-	1
CS27-4-#2	#2	45RTB	HCPK4	-	1
CS27-4-#1	#1	65RTB	HCPK4	-	1
CS27-4-1/0	1/0	115RTB	HCPK4	-	1
CS27-4-2/0	2/0	115RTB	HCPK4	-	1
CS27-4-3/0	3/0	150RTB	HCPK4	-	1
CS27-4-4/0	4/0	150RTB	HCPK4	-	1
CS27-4-250K	250	150RTB	HCPK4	-	1

Use Mold Sealing Compound (MSC) to ensure effective sealing.



- *Stranded Conductor*
- *Solid Circular Conductor*

CS27 – For Pipes

Cat. No.	Wire Size (A)	Pipe Size (B)	Welding Powder Size	Handle Clamp Type	Sleeve	Std. Ctn.
CS27-4-#4C	#4	1½" to 2¾"	45RTB	HCPK4	-	1
CS27-4-#4D		2¾" to 6½"	45RTB	HCPK4	-	1
CS27-4-#4F		6½" to 10"	45RTB	HCPK4	-	1
CS27-4-#4G		10" to 14"	45RTB	HCPK4	-	1
CS27-4-#2SC	#2 solid	1½" to 2¾"	45RTB	HCPK4	-	1
CS27-4-#2SD		2¾" to 6½"	45RTB	HCPK4	-	1
CS27-4-#2SF		6½" to 10"	45RTB	HCPK4	-	1
CS27-4-#2SG		10" to 14"	45RTB	HCPK4	-	1
CS27-4-#2C	#2	1½" to 2¾"	45RTB	HCPK4	-	1
CS27-4-#2D		2¾" to 6½"	45RTB	HCPK4	-	1
CS27-4-#2F		6½" to 10"	45RTB	HCPK4	-	1
CS27-4-#2G		10" to 14"	45RTB	HCPK4	-	1
CS27-4-#1C	#1	1½" to 2¾"	65RTB	HCPK4	-	1
CS27-4-#1D		2¾" to 6½"	65RTB	HCPK4	-	1
CS27-4-#1F		6½" to 10"	65RTB	HCPK4	-	1
CS27-4-#1G		10" to 14"	65RTB	HCPK4	-	1
CS27-4-110C	1/0	1½" to 2¾"	115RTB	HCPK4	-	1
CS27-4-110D		2¾" to 6½"	115RTB	HCPK4	-	1
CS27-4-110F		6½" to 10"	115RTB	HCPK4	-	1
CS27-4-110G		10" to 14"	115RTB	HCPK4	-	1
CS27-4-210C	2/0	1½" to 2¾"	115RTB	HCPK4	-	1
CS27-4-210D		2¾" to 6½"	115RTB	HCPK4	-	1
CS27-4-210F		6½" to 10"	115RTB	HCPK4	-	1
CS27-4-210G		10" to 14"	115RTB	HCPK4	-	1
CS27-4-310C	3/0	1½" to 2¾"	150RTB	HCPK4	-	1
CS27-4-310D		2¾" to 6½"	150RTB	HCPK4	-	1
CS27-4-310F		6½" to 10"	150RTB	HCPK4	-	1
CS27-4-310G		10" to 14"	150RTB	HCPK4	-	1
CS27-4-410C	4/0	1½" to 2¾"	150RTB	HCPK4	-	1
CS27-4-410D		2¾" to 6½"	150RTB	HCPK4	-	1
CS27-4-410F		6½" to 10"	150RTB	HCPK4	-	1
CS27-4-410G		10" to 14"	150RTB	HCPK4	-	1

OVER 14" USE CS7 FOR FLAT SURFACE

Use Mold Sealing Compound (MSC) to ensure effective sealing.

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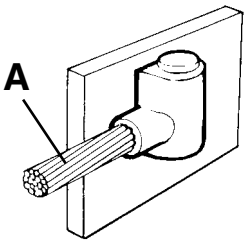
Cable to Steel Surface and Pipe

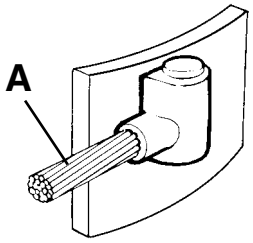


- *Stranded Conductor*
- *Solid Circular Conductor*

CS31 – For Flat Surfaces

Cat. No.	Wire Size (A)	Welding Powder Size	Handle Clamp Type	Sleeve	Std. Ctn.
CS31-4-#6	#6	45RTB	HCPK4	SLEEVE#6	1
CS31-4-#4	#4	45RTB	HCPK4	-	1
CS31-4-#2S	#2 solid	45RTB	HCPK4	-	1
CS31-4-#2	#2	45RTB	HCPK4	-	1
CS31-4-#1	#1	65RTB	HCPK4	-	1
CS31-4-1/0	1/0	90RTB	HCPK4	-	1
CS31-4-2/0	2/0	90RTB	HCPK4	-	1
CS31-4-3/0	3/0	115RTB	HCPK4	-	1
CS31-4-4/0	4/0	115RTB	HCPK4	-	1
CS31-4-250K	250	115RTB	HCPK4	-	1
CS31-4-300K	300	150RTB	HCPK4	-	1
CS31-4-350K	350	200RTB	HCPK4	-	1
CS31-4-500K	500	200RTB	HCPK4	-	1

Add "R" or "L" to denote wire exiting left or right. (Example: CS31-6-#6R for #6 wire exiting on the right.)
Use Mold Sealing Compound (MSC) to ensure effective sealing.



- *Stranded Conductor*
- *Solid Circular Conductor*

CS31 – For Pipes

Cat. No.	Wire Size (A)	Pipe Size (B)	Welding Powder Size	Handle Clamp Type	Sleeve	Std. Ctn.
CS31-4-#4C	#4	1½" to 2¾"	45RTB	HCPK4	-	1
CS31-4-#4D		2¾" to 6½"	45RTB	HCPK4	-	1
CS31-4-#4F		6½" to 10"	45RTB	HCPK4	-	1
CS31-4-#4G		10" to 14"	45RTB	HCPK4	-	1
CS31-4-#2SC	#2 solid	1½" to 2¾"	45RTB	HCPK4	-	1
CS31-4-#2SD		2¾" to 6½"	45RTB	HCPK4	-	1
CS31-4-#2SF		6½" to 10"	45RTB	HCPK4	-	1
CS31-4-#2SG		10" to 14"	45RTB	HCPK4	-	1
CS31-4-#2C	#2	1½" to 2¾"	45RTB	HCPK4	-	1
CS31-4-#2D		2¾" to 6½"	45RTB	HCPK4	-	1
CS31-4-#2F		6½" to 10"	45RTB	HCPK4	-	1
CS31-4-#2G		10" to 14"	45RTB	HCPK4	-	1
CS31-4-#1C	#1	1½" to 2¾"	65RTB	HCPK4	-	1
CS31-4-#1D		2¾" to 6½"	65RTB	HCPK4	-	1
CS31-4-#1F		6½" to 10"	65RTB	HCPK4	-	1
CS31-4-#1G		10" to 14"	65RTB	HCPK4	-	1
CS31-4-1/0C	1/0	1½" to 2¾"	90RTB	HCPK4	-	1
CS31-4-1/0D		2¾" to 6½"	90RTB	HCPK4	-	1
CS31-4-1/0F		6½" to 10"	90RTB	HCPK4	-	1
CS31-4-1/0G		10" to 14"	90RTB	HCPK4	-	1
CS31-4-2/0C	2/0	1½" to 2¾"	90RTB	HCPK4	-	1
CS31-4-2/0D		2¾" to 6½"	90RTB	HCPK4	-	1
CS31-4-2/0F		6½" to 10"	90RTB	HCPK4	-	1
CS31-4-2/0G		10" to 14"	90RTB	HCPK4	-	1
CS31-4-3/0C	3/0	1½" to 2¾"	115RTB	HCPK4	-	1
CS31-4-3/0D		2¾" to 6½"	115RTB	HCPK4	-	1
CS31-4-3/0F		6½" to 10"	115RTB	HCPK4	-	1
CS31-4-3/0G		10" to 14"	115RTB	HCPK4	-	1
CS31-4-4/0C	4/0	1½" to 2¾"	115RTB	HCPK4	-	1
CS31-4-4/0D		2¾" to 6½"	115RTB	HCPK4	-	1
CS31-4-4/0F		6½" to 10"	115RTB	HCPK4	-	1
CS31-4-4/0G		10" to 14"	115RTB	HCPK4	-	1

OVER 14" USE CS31 FOR FLAT SURFACE

Add "R" or "L" to denote wire exiting left or right. (Example: CS31-6-#6R for #6 wire exiting on the right.)
Use Mold Sealing Compound (MSC) to ensure effective sealing.

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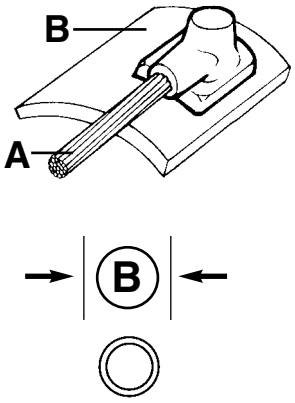
Cable to Steel Surface and Pipe



• *Stranded Conductor*

CS32 – For Pipes

Cat. No.	Wire Size (A)	Pipe Size (B)	Welding Powder Size	Handle Clamp Type	Sleeve	Std. Ctn.
OVER 14" USE CS8 FOR FLAT SURFACE						
CS32-2-#4C	#4	1½" to 2¾"	45RTB	HCPK2	-	1
CS32-2#4D		2¾" to 6½"	45RTB	HCPK2	-	1
CS32-2-#4F		6½" to 10"	45RTB	HCPK2	-	1
CS32-2-#4G		10" to 14"	45RTB	HCPK2	-	1
CS32-2-#2SC	#2 solid	1½" to 2¾"	45RTB	HCPK2	-	1
CS32-2-#2SD		2¾" to 6½"	45RTB	HCPK2	-	1
CS32-2-#2SF		6½" to 10"	45RTB	HCPK2	-	1
CS32-2-#2SG		10" to 14"	45RTB	HCPK2	-	1
CS32-2-#2C	#2	1½" to 2¾"	45RTB	HCPK2	-	1
CS32-2-#2D		2¾" to 6½"	45RTB	HCPK2	-	1
CS32-2-#2F		6½" to 10"	45RTB	HCPK2	-	1
CS32-2-#2G		10" to 14"	45RTB	HCPK2	-	1
CS32-2-#1D	#1	2¾" to 6½"	65RTB	HCPK2	-	1
CS32-2-#1F		6½" to 10"	65RTB	HCPK2	-	1
CS32-2-#1G		10" to 14"	65RTB	HCPK2	-	1
OVER 14" USE CS1 FOR FLAT SURFACE						
CS32-4-#1/0D	1/0	2¾" to 6½"	90RTB	HCPK4	-	1
CS32-4-#1/0F		6½" to 10"	90RTB	HCPK4	-	1
CS32-4-#1/0G		10" to 14"	90RTB	HCPK4	-	1
CS32-4-#2/0D	2/0	2¾" to 6½"	90RTB	HCPK4	-	1
CS32-4-#2/0F		6½" to 10"	90RTB	HCPK4	-	1
CS32-4-#2/0G		10" to 14"	90RTB	HCPK4	-	1
CS32-4-#3/0D	3/0	2¾" to 6½"	90RTB	HCPK4	-	1
CS32-4-#3/0F		6½" to 10"	90RTB	HCPK4	-	1
CS32-4-#3/0G		10" to 14"	90RTB	HCPK4	-	1
CS32-4-#4/0D	4/0	2¾" to 6½"	90RTB	HCPK4	-	1
CS32-4-#4/0F		6½" to 10"	90RTB	HCPK4	-	1
CS32-4-#4/0G		10" to 14"	90RTB	HCPK4	-	1

Add "R" or "L" to denote wire exiting left or right. (Example: CS31-6-#6R for #6 wire exiting on the right.)

Use Mold Sealing Compound (MSC) to ensure effective sealing.

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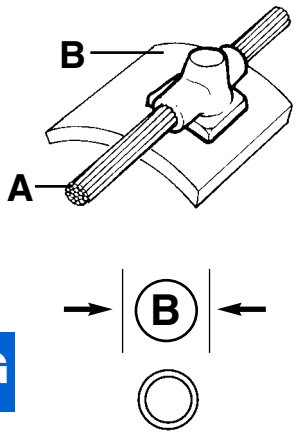
Cable to Steel Surface and Pipe



• *Stranded Conductor*

CS34 – For Pipes

Cat. No.	Wire Size (A)	Pipe Size (B)	Welding Powder Size	Handle Clamp Type	Sleeve	Std. Ctn.
OVER 14" USE CS8 FOR FLAT SURFACE						
CS34-2-#4C	#4	1½" to 2¾"	45RTB	HCPK2	-	1
CS34-2-#4D		2¾" to 6½"	45RTB	HCPK2	-	1
CS34-2-#4F		6½" to 10"	45RTB	HCPK2	-	1
CS34-2-#4G		10" to 14"	45RTB	HCPK2	-	1
CS34-2-#2SC	#2S	1½" to 2¾"	45RTB	HCPK2	-	1
CS34-2-#2SD		2¾" to 6½"	45RTB	HCPK2	-	1
CS34-2-#2SF		6½" to 10"	45RTB	HCPK2	-	1
CS34-2-#2SG		10" to 14"	45RTB	HCPK2	-	1
CS34-2-#2C	#2	1½" to 2¾"	45RTB	HCPK2	-	1
CS34-2-#2D		2¾" to 6½"	45RTB	HCPK2	-	1
CS34-2-#2F		6½" to 10"	45RTB	HCPK2	-	1
CS34-2-#2G		10" to 14"	45RTB	HCPK2	-	1
CS34-2-#1D	#1	2¾" to 6½"	65RTB	HCPK2	-	1
CS34-2-#1F		6½" to 10"	65RTB	HCPK2	-	1
CS34-2-#1G		10" to 14"	65RTB	HCPK2	-	1
OVER 14" USE CS1 FOR FLAT SURFACE						
CS34-4-#1/0D	1/0	2¾" to 6½"	90RTB	HCPK4	-	1
CS34-4-#1/0F		6½" to 10"	90RTB	HCPK4	-	1
CS34-4-#1/0G		10" to 14"	90RTB	HCPK4	-	1
CS34-4-#2/0D	2/0	2¾" to 6½"	115RTB	HCPK4	-	1
CS34-4-#2/0F		6½" to 10"	115RTB	HCPK4	-	1
CS34-4-#2/0G		10" to 14"	115RTB	HCPK4	-	1
CS34-4-#3/0D	3/0	2¾" to 6½"	115RTB	HCPK4	-	1
CS34-4-#3/0F		6½" to 10"	115RTB	HCPK4	-	1
CS34-4-#3/0G		10" to 14"	115RTB	HCPK4	-	1
CS34-4-#4/0D	4/0	2¾" to 6½"	150RTB	HCPK4	-	1
CS34-4-#4/0F		6½" to 10"	150RTB	HCPK4	-	1
CS34-4-#4/0G		10" to 14"	150RTB	HCPK4	-	1

Use Mold Sealing Compound (MSC) to ensure effective sealing.

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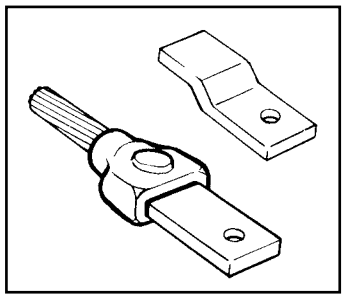
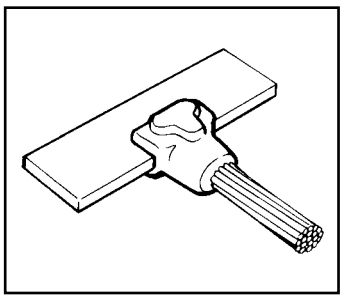
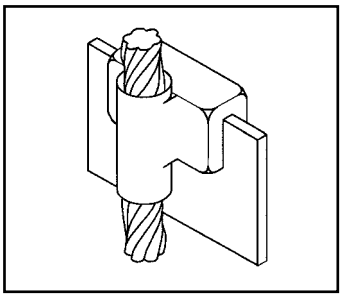
Cable to Bar - Pictorial Index



CB1 Page G36



CB4 Page G37



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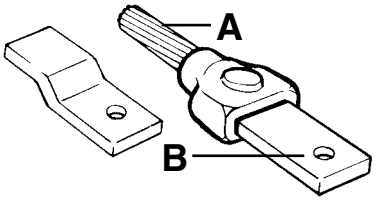
Cable to Bar



- *Stranded Conductor*
- *Solid Circular Conductor*
- *Rectangular Tape or Bar*

CB1 – For Pipes

Cat. No.	Wire Size (A)	Bar Size (B)	Welding Powder Size	Handle Clamp Type	Sleeve	Std. Ctn.
CB1-4-#4181	#4	⅛" X 1"	45RTB	HCPK4	-	1
CB1-4-#2181	#2 solid	⅛" X 1"	45RTB	HCPK4	-	1
CB1-4-#2181	#2	⅛" X 1"	45RTB	HCPK4	-	1
CB1-4-#1181	#1	⅛" X 1"	45RTB	HCPK4	-	1
CB1-4-1/0181	1/0	⅛" X 1"	45RTB	HCPK4	-	1
CB1-4-1/03161		3⁄16" X 1"	65RTB	HCPK4	-	1
CB1-4-1/0141		¼" X 1"	65RTB	HCPK4	-	1
CB1-4-2/0181	2/0	⅛" X 1"	65RTB	HCPK4	-	1
CB1-4-2/03161		3⁄16" X 1"	65RTB	HCPK4	-	1
CB1-4-2/0141		¼" X 1"	65RTB	HCPK4	-	1
CB1-4-3/018	3/0	⅛" X 1"	65RTB	HCPK4	-	1
CB1-4-3/0161		3⁄16" X 1"	90RTB	HCPK4	-	1
CB1-4-3/0141		¼" X 1"	90RTB	HCPK4	-	1
CB1-4-4/03161	4/0	3⁄16" X 1"	90RTB	HCPK4	-	1
CB1-4-4/0141		¼" X 1"	90RTB	HCPK4	-	1
CB1-4-4/014112		¼" X 1½"	90RTB	HCPK4	-	1
CB1-4-4/0142		¼" X 2"	90RTB	HCPK4	-	1
CB1-4-4/0143		¼" X 3"	90RTB	HCPK4	-	1
CB1-4-250K3161	250	3⁄16" X 1"	90RTB	HCPK4	-	1
CB1-4-250K141		¼" X 1"	90RTB	HCPK4	-	1
CB1-4-250K14112		¼" X 1½"	90RTB	HCPK4	-	1
CB1-4-250K142		¼" X 2"	90RTB	HCPK4	-	1
CB1-4-250K143		¼" X 3"	90RTB	HCPK4	-	1
CB1-4-300K141	300	¼" X 1"	90RTB	HCPK4	-	1
CB1-4-300K14112		¼" X 1½"	90RTB	HCPK4	-	1
CB1-4-300K142		¼" X 2"	90RTB	HCPK4	-	1
CB1-4-300K143		¼" X 3"	90RTB	HCPK4	-	1
CB1-4-350K141	350	¼" X 1"	115RTB	HCPK4	-	1
CB1-4-350K14112		¼" X 1½"	115RTB	HCPK4	-	1
CB1-4-350K142		¼" X 2"	115RTB	HCPK4	-	1
CB1-4-350K143		¼" X 3"	115RTB	HCPK4	-	1
CB1-4-500K14112	500	¼" X 1½"	200RTB	HCPK4	-	1
CB1-4-500K142		¼" X 2"	200RTB	HCPK4	-	1
CB1-4-500K143		¼" X 3"	200RTB	HCPK4	-	1
CB1-4-500K38112		⅜" X1½"	200RTB	HCPK4	-	1
CB1-5-750K142	750	¼" X 2"	2 X 150RTB	HCPK5	-	1
CB1-5-750K143		¼" X 3'	2 X 150RTB	HCPK5	-	1
CB1-5-750k38112		⅜" X 1½"	2 X 150RTB	HCPK5	-	1
CB1-5-750k382		⅜" X 2"	2 X 150RTB	HCPK5	-	1
CB1-5-750K383		⅜" X 3"	2 X 150RTB	HCPK5	-	1
CB1-5-1000K143	1000	¼" X 3"	2 X 200RTB	HCPK5	-	1
CB1-5-1000K382		⅜" X 2"	2 X 200RTB	HCPK5	-	1
CB1-5-1000K383		⅜" X 3"	2 X 200RTB	HCPK5	-	1
CB1-5-1000K122		½" X 2"	2 X 200RTB	HCPK5	-	1
CB1-5-1000K123		½" X 3"	2 X 200RTB	HCPK5	-	1

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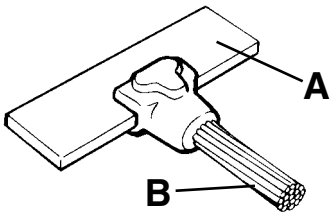
Cable to Bar



- *Stranded Conductor*
- *Solid Circular Conductor*
- *Rectangular Tape or Bar*

CB4 – For Flat Surfaces

Cat. No.	Bar Size (A)	Wire Size (B)	Welding Powder Size	Handle Clamp Type	Sleeve	Std. Ctn.
CB4-4-#2S14112	¼" X 1½" and wider	#2 solid	45RTB	HCPK4	-	1
CB4-4-214112		#2	45RTB	HCPK4	-	1
CB4-4-1/014112		1/0	90RTB	HCPK4	-	1
CB4-4-2/014112		2/0	90RTB	HCPK4	-	1
CB4-4-3/014112		3/0	90RTB	HCPK4	-	1
CB4-4-4/014112		4/0	90RTB	HCPK4	-	1
CB4-4-250K14112		250	115RTB	HCPK4	-	1
CB4-4-300K14112		300	115RTB	HCPK4	-	1
CB4-4-350K14112		350	150RTB	HCPK4	-	1
CB4-4-500K1411		500	200RTB	HCPK4	-	1
CB4-4-#2S38112	⅜" X 1½" and wider	#2 solid	65RTB	HCPK4	-	1
CB4-4-#238112		#2	65RTB	HCPK4	-	1
CB4-4-1/038112		1/0	90RTB	HCPK4	-	1
CB4-4-2/038112		2/0	90RTB	HCPK4	-	1
CB4-4-4/038112		4/0	115RTB	HCPK4	-	1
CB4-4-250K38112		250	150RTB	HCPK4	-	1
CB4-4-300K38112		300	150RTB	HCPK4	-	1
CB4-4-350K38112		350	200RTB	HCPK4	-	1
CB4-4-500K38112		500	250RTB	HCPK4	-	1
CB4-5-750K38112		750	2 X 150RTB	HCPK5	-	1
CB4-5-1000K38112		1000	2 X 200RTB	HCPK5	-	1
CB4-4-#2S12112	½" X 1½" and wider	#2 solid	90RTB	HCPK4	-	1
CB4-4-#212112		#2	90RTB	HCPK4	-	1
CB4-4-1/012112		1/0	115RTB	HCPK4	-	1
CB4-4-2/012112		2/0	115RTB	HCPK4	-	1
CB4-4-3/012112		3/0	150RTB	HCPK4	-	1
CB4-4-4/012112		4/0	150RTB	HCPK4	-	1
CB4-4-250K12112		250	200RTB	HCPK4	-	1
CB4-4-300K12112		300	200RTB	HCPK4	-	1
CB4-4-350K12112		350	250RTB	HCPK4	-	1
CB4-5-500K12112		500	2 X 150RTB	HCPK5	-	1
CB4-5-750K12112		750	2 X 200RTB	HCPK5	-	1
CB4-5-1000K12112		1000	2 X 250RTB	HCPK5	-	1

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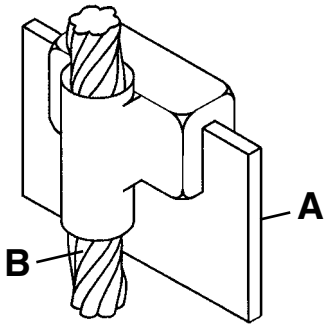
Cable to Bar



CB29 – For Flat Surfaces

Cat. No.	Bar Size (A)	Wire Size (B)	Welding Powder Size	Handle Clamp Type	Sleeve	Std. Ctn.
CB29-9-#2S142	¼" X 2" and wider	#2 solid	250RTB	HCPK4	-	1
CB29-9-#2142		#2	250RTB	HCPK4	-	1
CB29-10-#1142		#1	2 X 150RTB	HCPK5	-	1
CB29-10-1/0142		1/0	2 X 200RTB	HCPK5	-	1
CB29-10-2/0142		2/0	2 X 200RTB	HCPK5	-	1
CB29-10-4/0142		4/0	2 X 250RTB	HCPK5	-	1
CB29-10-250K142		250	2 X 250RTB	HCPK5	-	1
CB29-10-500K142		500	2 X 250RTB	HCPK5	-	1
CB29-10-750K142		750	3 X 200RTB	HCPK5	-	1
CB29-9-#2S382	⅜" X 2" and wider	#2 solid	250RTB	HCPK4	-	1
CB29-9-#2382		#2 solid	250RTB	HCPK4	-	1
CB29-10-#1382		#1	2 X 150RTB	HCPK5	-	1
CB29-10-1/0382		1/0	2 X 200RTB	HCPK5	-	1
CB29-102/0382		2/0	2 X 200RTB	HCPK5	-	1
CB29-104/0382		4/0	2 X 250RTB	HCPK5	-	1
CB29-10-250K382		250	2 X 250RTB	HCPK5	-	1
CB29-10-500K382		500	2 X 250RTB	HCPK5	-	1
CB29-10-750K382		750	3 X 200RTB	HCPK5	-	1
CB29-10-#2S122	½" X 2" and wider	#2 solid	2 X 150RTB	HCPK5	-	1
CB29-10-#2122		#2	2 X 150RTB	HCPK5	-	1
CB29-10-#1122		#1	2 X 200RTB	HCPK5	-	1
CB29-10-1/0122		1/0	2 X 250RTB	HCPK5	-	1
CB29-10-2/0122		2/0	2 X 250RTB	HCPK5	-	1
CB29-10-4/0122		4/0	3 X 200RTB	HCPK5	-	1
CB29-10-250K122		250	3 X 200RTB	HCPK5	-	1
CB29-10-500K122		500	3 X 200RTB	HCPK5	-	1
CB29-10-750K		750	3 X 250RTB	HCPK5	-	1

Use Mold Sealing Compound (MSC) to ensure effective sealing.

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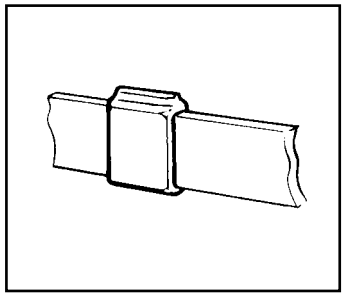
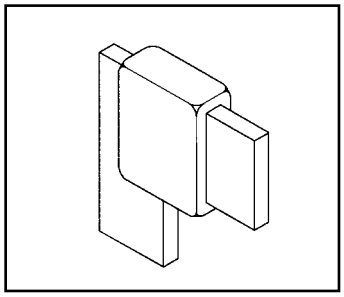
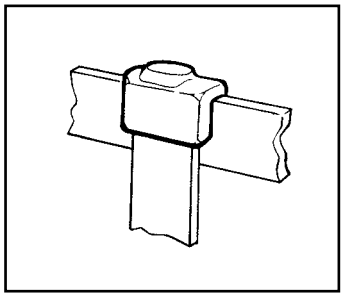
Bar to Bar - Pictorial Index



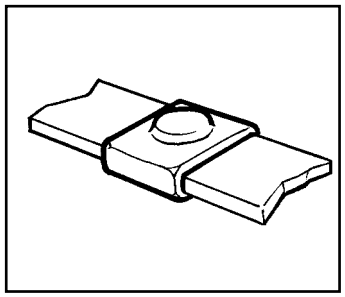
BB1 Page G40



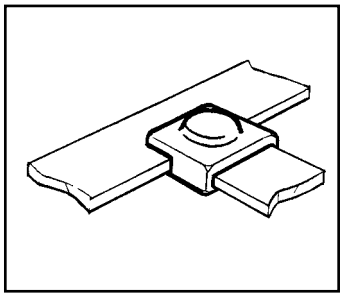
BB2 Page G40



BB3 Page G41



BB7 Page G41



BB14 Page G42

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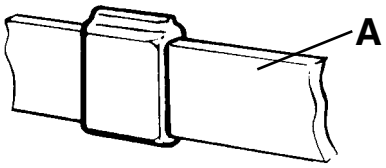
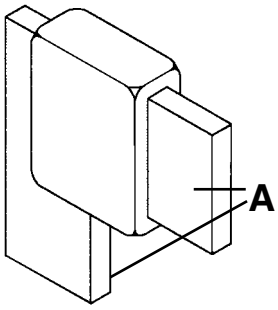
Bar to Bar



BB1 – For Flat Surfaces

Cat. No.	Bar Size (A)	Welding Powder Size	Handle Clamp Type	Sleeve	Std. Ctn.
BB1-4-181	⅛" X 1"	45RTB	HCPK4	-	1
BB1-4-18112	⅛" X 1½"	65RTB	HCPK4	-	1
BB1-4-182	⅛" X 2"	90RTB	HCPK4	-	1
BB1-4-183	⅛" X 3"	200RTB	HCPK4	-	1
BB1-4-184	⅛" X 4"	250RTB	HCPK4	-	1
BB1-4-3161	3⁄16" X 1"	65RTB	HCPK4	-	1
BB1-4-3162	3⁄16" X 2"	115RTB	HCPK4	-	1
BB1-4-141	¼" X 1"	90RTB	HCPK4	-	1
BB1-4-14114	¼" X 1¼"	115RTB	HCPK4	-	1
BB1-4-14112	¼" X 1½"	150RTB	HCPK4	-	1
BB1-4-142	¼" X 2"	200RTB	HCPK4	-	1
BB1-4-14212	¼" X 2½"	250RTB	HCPK4	-	1
BB1-5-143	¼" X 3"	2 X 200RTB	HCPK5	-	1
BB1-5-144	¼" X 4"	2 X 250RTB	HCPK5	-	1
BB1-4-381	⅜" X 1"	150RTB	HCPK5	-	1
BB1-4-38112	⅜" X 1½"	250RTB	HCPK4	-	1
BB1-5-382	⅜" X 2"	2 X 150RTB	HCPK5	-	1
BB1-5-383	⅜" X 3"	2 X 250RTB	HCPK5	-	1
BB1-5-384	⅜" X 4"	3 X 200RTB	HCPK5	-	1
BB1-4-121	½" X 1"	200RTB	HCPK4	-	1
BB1-5-122	½" X 2"	2 X 200RTB	HCPK5	-	1



BB2 – For Flat Surfaces

Cat. No.	Bar Size (A)	Welding Powder Size	Handle Clamp Type	Sleeve	Std. Ctn.
BB2-4-181	⅛" X 1"	45RTB	HCPK4	-	1
BB2-4-18112	⅛" X 1½"	65RTB	HCPK4	-	1
BB2-4-182	⅛" X 2"	90RTB	HCPK4	-	1
BB2-4-183	⅛" X 3"	200RTB	HCPK4	-	1
BB2-4-184	⅛" X 4"	250RTB	HCPK4	-	1
BB2-4-3161	3⁄16" X 1"	65RTB	HCPK4	-	1
BB2-4-3162	3⁄16" X 2"	115RTB	HCPK4	-	1
BB2-4-141	¼" X 1"	90RTB	HCPK4	-	1
BB2-4-14114	¼" X 1¼"	115RTB	HCPK4	-	1
BB2-4-14112	¼" X 1½"	150RTB	HCPK4	-	1
BB2-4-142	¼" X 2"	200RTB	HCPK4	-	1
BB2-4-14212	¼" X 2½"	250RTB	HCPK4	-	1
BB2-5-143	¼" X 3"	2 X 200RTB	HCPK5	-	1
BB2-5-144	¼" X 4"	2 X 250RTB	HCPK5	-	1
BB2-4-381	⅜" X 1"	150RTB	HCPK5	-	1
BB2-4-38112	⅜" X 1½"	250RTB	HCPK4	-	1
BB2-5-382	⅜" X 2"	2 X 150RTB	HCPK5	-	1
BB2-5-383	⅜" X 3"	2 X 250RTB	HCPK5	-	1
BB2-5-384	⅜" X 4"	3 X 200RTB	HCPK5	-	1
BB2-4-121	½" X 1"	200RTB	HCPK4	-	1
BB2-5-122	½" X 2"	2 X 200RTB	HCPK5	-	1

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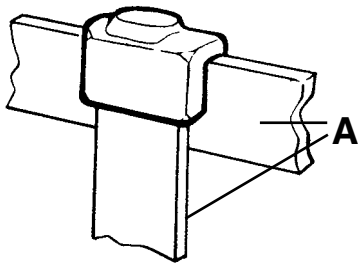
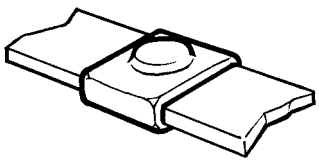
Bar to Bar



BB3 – For Flat Surfaces

Cat. No.	Bar Size (A)	Welding Powder Size	Handle Clamp Type	Sleeve	Std. Ctn.
BB3-4-181	⅛" X 1"	45RTB	HCPK4	-	1
BB3-4-18112	⅛" X 1½"	65RTB	HCPK4	-	1
BB3-4-182	⅛" X 2"	90RTB	HCPK4	-	1
BB3-4-183	⅛" X 3"	200RTB	HCPK4	-	1
BB3-4-184	⅛" X 4"	250RTB	HCPK4	-	1
BB3-4-3161	3⁄16" X 1"	65RTB	HCPK4	-	1
BB3-4-3162	3⁄16" X 2"	115RTB	HCPK4	-	1
BB3-4-141	¼" X 1"	90RTB	HCPK4	-	1
BB3-4-14114	¼" X 1¼"	115RTB	HCPK4	-	1
BB3-4-14112	¼" X 1½"	150RTB	HCPK4	-	1
BB3-4-142	¼" X 2"	200RTB	HCPK4	-	1
BB3-4-14212	¼" X 2½"	250RTB	HCPK4	-	1
BB3-5-143	¼" X 3"	2 X 200RTB	HCPK5	-	1
BB3-5-144	¼" X 4"	2 X 250RTB	HCPK5	-	1
BB3-4-381	3⁄8" X 1"	150RTB	HCPK5	-	1
BB3-4-38112	3⁄8" X 1½"	250RTB	HCPK4	-	1
BB3-5-382	3⁄8" X 2"	2 X 150RTB	HCPK5	-	1
BB3-5-383	3⁄8" X 3"	2 X 250RTB	HCPK5	-	1
BB3-5-384	3⁄8" X 4"	3 X 200RTB	HCPK5	-	1
BB3-4-121	½' X 1"	200RTB	HCPK4	-	1
BB3-5-122	½" X 2"	2 X 200RTB	HCPK5	-	1



BB7 – For Flat Surfaces

Cat. No.	Bar Size (A)	Welding Powder Size	Handle Clamp Type	Sleeve	Std. Ctn.
BB7-4-181	⅛" X 1"	45RTB	HCPK4	-	1
BB7-4-18112	⅛" X 1½"	65RTB	HCPK4	-	1
BB7-4-182	⅛" X 2"	90RTB	HCPK4	-	1
BB7-4-183	⅛" X 3"	200RTB	HCPK4	-	1
BB7-4-184	⅛" X 4"	250RTB	HCPK4	-	1
BB7-4-3161	3⁄16" X 1"	65RTB	HCPK4	-	1
BB7-4-3162	3⁄16" X 2"	115RTB	HCPK4	-	1
BB7-4-141	¼" X 1"	90RTB	HCPK4	-	1
BB7-4-14114	¼" X 1¼"	115RTB	HCPK4	-	1
BB7-4-14112	¼" X 1½"	150RTB	HCPK4	-	1
BB7-4-142	¼" X 2"	200RTB	HCPK4	-	1
BB7-4-14212	¼" X 2½"	250RTB	HCPK4	-	1
BB7-5-143	¼" X 3"	2 X 200RTB	HCPK5	-	1
BB7-5-144	¼" X 4"	2 X 250RTB	HCPK5	-	1
BB7-4-381	3⁄8" X 1"	150RTB	HCPK5	-	1
BB7-4-38112	3⁄8" X 1½"	250RTB	HCPK4	-	1
BB7-5-382	3⁄8" X 2"	2 X 150RTB	HCPK5	-	1
BB7-5-383	3⁄8" X 3"	2 X 250RTB	HCPK5	-	1
BB7-5-384	3⁄8" X 4"	3 X 200RTB	HCPK5	-	1
BB7-4-121	½" X 1"	200RTB	HCPK4	-	1
BB7-5-122	½" X 2"	2 X 200RTB	HCPK5	-	1

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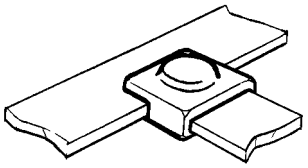
Bar to Bar



BB14 – For Flat Surfaces

Cat. No.	Bar Size (A)	Welding Powder Size	Handle Clamp Type	Sleeve	Std. Ctn.
BB14-4-181	⅛" X 1"	45RTB	HCPK4	-	1
BB14-4-18112	⅛" X 1½"	65RTB	HCPK4	-	1
BB14-4-182	⅛" X 2"	90RTB	HCPK4	-	1
BB14-4-183	⅛" X 3"	200RTB	HCPK4	-	1
BB14-4-184	⅛" X4"	250RTB	HCPK4	-	1
BB14-4-3161	3⁄16" X 1"	65RTB	HCPK4	-	1
BB14-4-3162	3⁄16" X 2"	115RTB	HCPK4	-	1
BB14-4-141	¼" X 1"	90RTB	HCPK4	-	1
BB14-4-14114	¼" X 1¼"	115RTB	HCPK4	-	1
BB14-4-14112	¼" X 1½"	150RTB	HCPK4	-	1
BB14-4-142	¼" X 2"	200RTB	HCPK4	-	1
BB14-4-14212	¼" X 2½"	250RTB	HCPK4	-	1
BB14-5-143	¼" X 3"	2 X 200RTB	HCPK5	-	1
BB14-5-144	¼" X 4"	2 X 250RTB	HCPK5	-	1
BB14-4-381	⅜" X 1"	150RTB	HCPK5	-	1
BB14-4-38112	⅜" X 1½"	250RTB	HCPK4	-	1
BB14-5-382	⅜" X 2"	2 X 150RTB	HCPK5	-	1
BB14-5-383	⅜" X 3"	2 X 250RTB	HCPK5	-	1
BB14-5-384	⅜" X 4"	3 X 200RTB	HCPK5	-	1
BB14-4-121	½" X 1"	200RTB	HCPK4	-	1
BB14-5-122	½" X 2"	2 X 200RTB	HCPK5	-	1

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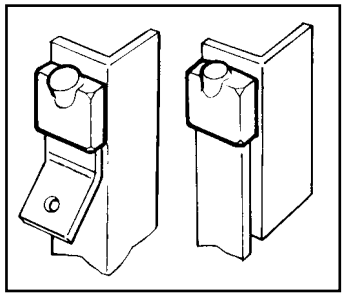
Bar to Steel Surface - Pictorial Index



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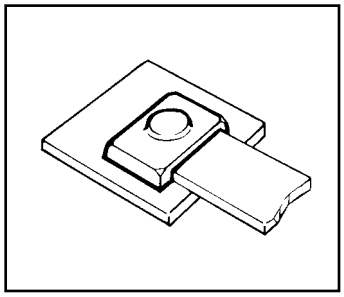

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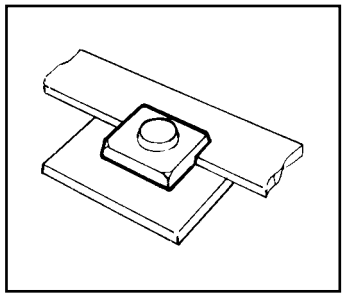

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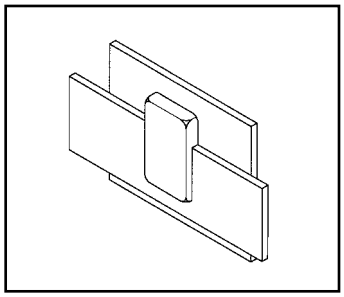

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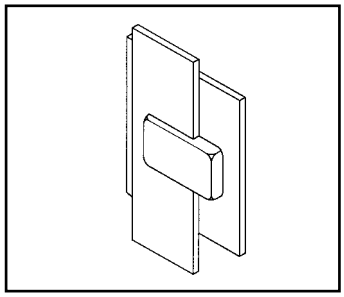

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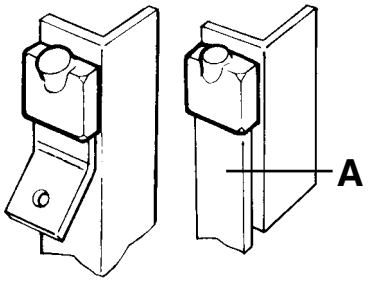
Bar to Steel Surface

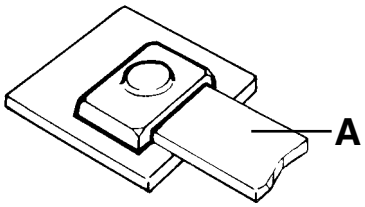


• *Rectangular Tape or Bar*

BS1 – For Flat Surfaces

Cat. No.	Bar Size (A)	Welding Powder Size	Handle Clamp Type	Sleeve	Std. Ctn.
BS1-4-181	⅛" X 1"	115RTB	HCPK4	4	1
BS1-4-18112	⅛" X 1½"	150RTB	HCPK4	4	1
BS1-4-182	⅛" X 2"	200RTB	HCPK4	4	1
BS1-4-3161	3⁄16" X 1"	150RTB	HCPK4	4	1
BS1-4-316112	3⁄16" X 1½"	200RTB	HCPK4	4	1
BS1-4-3162	3⁄16" X 2"	250RTB	HCPK4	4	1
BS1-4-141	¼" X 1"	150RTB	HCPK4	4	1
BS1-4-14114	¼" X 1¼"	200RTB	HCPK4	4	1
BS1-4-14112	¼" X 1½"	250RTB	HCPK4	4	1
BS1-5-142	¼" X 2"	2 X 150RTB	HCPK4	4	1
BS1-4-381	⅜" X 1"	200RTB	HCPK5	4	1
BS1-4-38112	⅜" X 1½"	250RTB	HCPK4	4	1
BS1-5-382	⅜" X 2"	2 X 200RTB	HCPK5	5	1
BS1-4-121	½" X 1"	250RTB	HCPK4	4	1
BS1-5-12112	½" X 1½"	2 X 200RTB	HCPK5	5	1
BS1-5-122	½" X 2"	2 X 250RTB	HCPK5	5	1

Mold Sealing Compound (MSC) will be required if surface is uneven.



• *Rectangular Tape or Bar*

BS2 – For Flat Surfaces

Cat. No.	Bar Size (A)	Welding Powder Size	Handle Clamp Type	Sleeve	Std. Ctn.
BS2-4-181	⅛" X 1"	115RTB	HCPK4	-	1
BS2-4-18112	⅛" X 1½"	150RTB	HCPK4	-	1
BS2-4-182	⅛" X 2"	200RTB	HCPK4	-	1
BS2-4-3161	3⁄16" X 1"	150RTB	HCPK4	-	1
BS2-4-316112	3⁄16" X 1½"	200RTB	HCPK4	-	1
BS2-4-3162	3⁄16" X 2"	250RTB	HCPK4	-	1
BS2-4-141	¼" X 1"	150RTB	HCPK4	-	1
BS2-4-14114	¼" X 1¼"	200RTB	HCPK4	-	1
BS2-4-14112	¼" X 1½"	250RTB	HCPK4	-	1
BS2-5-142	¼" X 2"	2 X 150RTB	HCPK4	-	1
BS2-4-381	⅜" X 1"	200RTB	HCPK5	-	1
BS2-4-38112	⅜" X 1½"	250RTB	HCPK4	-	1
BS2-5-382	⅜" X 2"	2 X 200RTB	HCPK5	-	1
BS2-4-121	½" X 1"	250RTB	HCPK4	-	1
BS2-5-12112	½" X 1½"	2 X 200RTB	HCPK5	-	1
BS2-5-122	½" X 2"	2 X 250RTB	HCPK5	-	1

Mold Sealing Compound (MSC) will be required if surface is uneven.

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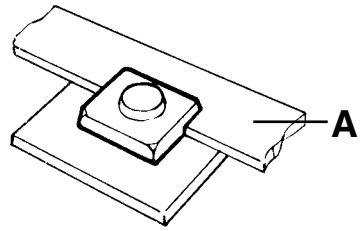
Bar to Steel Surface

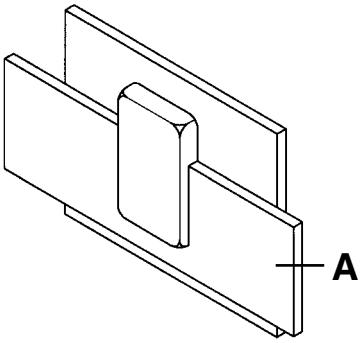


• *Rectangular Tape or Bar*

BS3 – For Flat Surfaces

Cat. No.	Bar Size (A)	Welding Powder Size	Handle Clamp Type	Sleeve	Std. Ctn.
BS3-4-181	⅛" X 1"	115RTB	HCPK4	-	1
BS3-4-18112	⅛" X 1½" and wider	150RTB	HCPK4	-	1
BS3-4-3161	3⁄16" X 1"	150RTB	HCPK4	-	1
BS3-4-316112	3⁄16" X 1½" and wider	200RTB	HCPK4	-	1
BS3-4-141	¼" X 1"	150RTB	HCPK4	-	1
BS3-4-14114	¼" X 1¼"	200RTB	HCPK4	-	1
BS3-4-14112	¼" X 1½" and wider	250RTB	HCPK4	-	1
BS3-4-381	⅜" X 1"	200RTB	HCPK5	-	1
BS3-4-38112	⅜" X 1½" and wider	250RTB	HCPK4	-	1
BS3-4-121	½" X 1"	250RTB	HCPK4	-	1
BS3-5-12112	½" X 1½" and wider	2 X 200RTB	HCPK5	-	1

Mold Sealing Compound (MSC) will be required if surface is uneven.



BS4 – For Flat Surfaces

Cat. No.	Bar Size (A)	Welding Powder Size	Handle Clamp Type	Std. Sleeve	Ctn.
BS4-4-181	⅛" X 1"	115RTB	HCPK4	-	1
BS4-4-18112	⅛" X 1½"	150RTB	HCPK4	-	1
BS4-4-182	⅛" X 2"	200RTB	HCPK4	-	1
BS4-4-3161	3⁄16" X 1"	150RTB	HCPK4	-	1
BS4-4-316112	3⁄16" X 1½"	200RTB	HCPK4	-	1
BS4-4-3162	3⁄16" X 2"	250RTB	HCPK4	-	1
BS4-4-141	¼" X 1"	150RTB	HCPK4	-	1
BS4-4-14114	¼" X 1¼"	200RTB	HCPK4	-	1
BS4-4-14112	¼" X 1½"	250RTB	HCPK4	-	1
BS4-5-142	¼" X 2"	2 X 150RTB	HCPK4	-	1
BS4-4-381	⅜" X 1"	200RTB	HCPK5	-	1
BS4-4-38112	⅜" X 1½"	250RTB	HCPK4	-	1
BS4-5-382	⅜" X 2"	2 X 200RTB	HCPK5	-	1
BS4-4-121	½" X 1"	250RTB	HCPK4	-	1
BS4-5-12112	½" X 1½"	2 X 200RTB	HCPK5	-	1
BS4-5-122	½" X 2"	2 X 250RTB	HCPK5	-	1

Mold Sealing Compound (MSC) will be required if surface is uneven.

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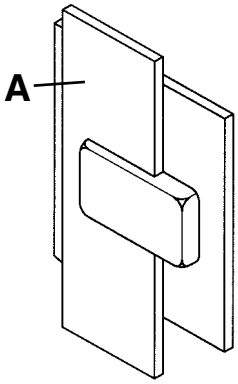
Bar to Steel Surface



BS5 – For Flat Surfaces

Cat. No.	Bar Size (A)	Welding Powder Size	Handle Clamp Type	Sleeve	Std. Ctn.
BS5-4-181	⅛" X 1"	115RTB	HCPK4	-	1
BS5-4-18112	⅛" X 1½"	150RTB	HCPK4	-	1
BS5-4-182	⅛" X 2" and wider	200RTB	HCPK4	-	1
BS5-4-3161	3⁄16" X 1"	150RTB	HCPK4	-	1
BS5-4-316112	3⁄16" X 1½"	200RTB	HCPK4	-	1
BS5-4-3162	3⁄16" X 2" and wider	250RTB	HCPK4	-	1
BS5-4-141	¼" X 1"	150RTB	HCPK4	-	1
BS5-4-14114	¼" X 1¼"	200RTB	HCPK4	-	1
BS5-4-14112	¼" X 1½"	250RTB	HCPK4	-	1
BS5-5-142	¼" X 2" and wider	2 X 150RTB	HCPK5	-	1
BS5-4-381	⅜" X 1"	200RTB	HCPK5	-	1
BS5-4-38112	⅜" X 1½"	250RTB	HCPK4	-	1
BS5-5-382	⅜" X 2" and wider	2 X 200RTB	HCPK5	-	1
BS5-4-121	½" X 1"	250RTB	HCPK4	-	1
BS5-5-12112	½" X 1½"	2 X 200RTB	HCPK5	-	1
BS5-5-122	½" X 2" and wider	2 X 250RTB	HCPK5	-	1

Mold Sealing Compound (MSC) will be required if surface is uneven.

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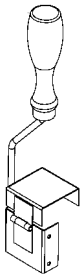
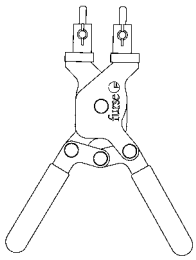
Furseweld®

Handle Clamps, Tools and Accessories



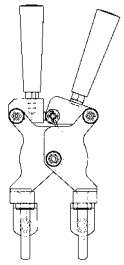
HCPK2



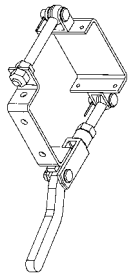
HCPK3

Handle Clamps

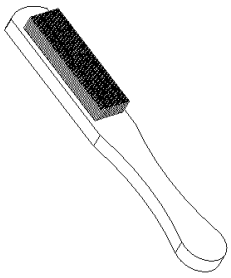
Mold Part No.	Description	Applications	Std. Ctn.
HCPK1	Price Key 1 Handle	For use on price key 1 molds	1
HCPK2	Price Key 2 Handle	For use on price key 2 molds	1
HCPK3	Price Key 3 Handle Clamp	For use on price key 3 molds	1
HCPK3A	Price Key 3A Handle Clamp	Type 3A molds (connections to vertical rebars).	1
HCPK3B	Price Key 3B Handle Clamp	Type 3B molds (connections to horizontal rebars).	1
HCPK3BMOD	Price Key 3B Modified Clamp	Type 3B molds (cross connections to horizontal rebars).	1
HCPK4	Price Key 4 Handle Clamp	For use on price key 4 molds.	1
HCPK5	Price Key 5 Handle Clamp	For use on price key 5 molds.	1
HCPK7	Price Key 7 Handle Clamp	For use on price key 7 molds.	1
HCPK8	Price Key 8 Handle Clamp	For use on price key 8 molds.	1
FRAME1	Price Key 9 Frame	For use with HCPK4 on price key 9 molds.	1
FRAME2	Price Key 10 Frame	For use with HCPK5 on price key 10 molds.	1



HCPK4



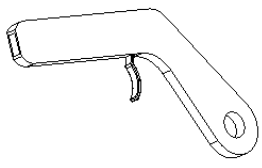
FRAME 1



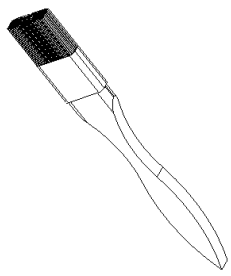
BFC

Tools and Accessories

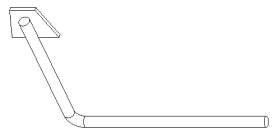
Mold Part No.	Description	Applications	Std. Ctn.
WWB1	Cable Cleaning Brush	Cleaning of stranded and other circular section conductors	6
WRB1	Replacement Elements (Pair)		3
BFC	Card Cloth Brush	Cleaning of conductors and surfaces.	10
FGUN	Flint Ignitor Gun	Starting powder ignition.	10
BCM	Mold Cleaning Brush	Soft brush for mold cleaning.	10
STM1-TB	Mold Scraper Tool	Break up and removal of slag in mold crucible.	10
MSC	Mold Sealing Compound	"Mold sealing on un-even surfaces, and general mold sealing."	5
PACK-A	Packing	Mold sealing on rebar surfaces.	50
SLEEVE#6	Sleeve for #6 wire	Prevents burning of small section wire.	100
SLEEVE#6S	Sleeve for #6S wire	Prevents burning of small section wire.	100
SLEEVE#8	Sleeve for #8 wire	Prevents burning of small section wire.	100
SLEEVE#8S	Sleeve for #8S wire	Prevents burning of small section wire.	100
SHIM	Copper shim.	For sealing around undersize conductors.	100



FGUN



BCM



STM1-TB

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Furseweld®

SureShot™ Welding Mold

Thomas & Betts introduces a new approach to the perfect connection… SureShot™, an extension of the Furseweld® line of exothermic welding products.

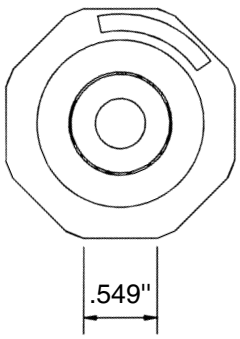
SureShot™ molds come completely packaged with everything necessary for a connection. They are fast and easy to use. The contractor simply positions the mold, adds the weld powder and starting powder, and ignites it with a flint gun.

SureShot™ molds are disposable, so there's no maintenance involved. And, it's not necessary to remove the mold in underground installations because SureShot™ molds are made from an "earth friendly" ceramic.

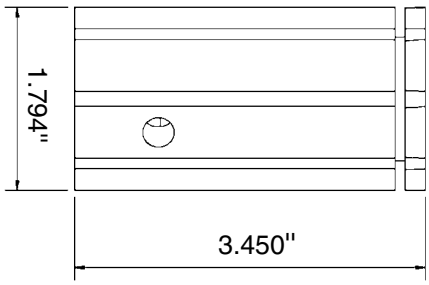
The hexagonal SureShot™ design is easy to grasp and hold without removing safety gloves, and it won't roll away if it's laid down while the installer prepares the connection.

Features and Benefits:

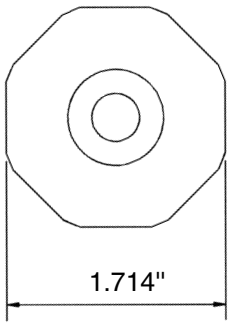
- Fast and easy to use
- Packaged with everything necessary for a connection
- Maintenance-free disposable molds
- Made of biodegradable ceramic
- Ergonomic hexagonal design



Cover



Welding Mold



Disk

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Furseweld®

SureShot™ Welding Mold

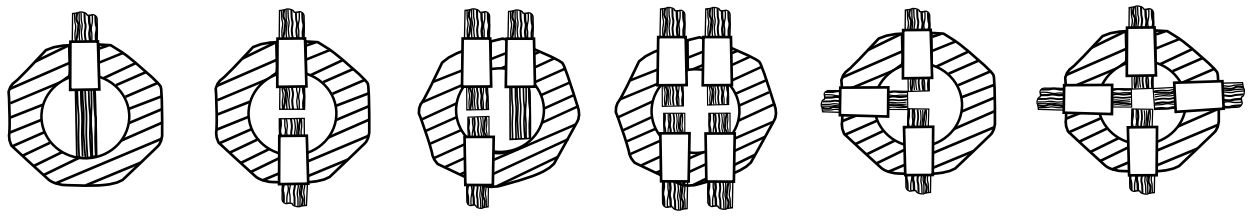
Product Specifications

Cat. No.	Ground Rod Size	Conductor Size Solid	Conductor Size Stranded
Furseweld Type SCR1			
SCR1-58-6808	5/8"	6,8	8
SCR1-58-3446	5/8"	3,4	4,6
SCR1-58-1223	5/8"	1,2	2,3
SCR1-58-2010	5/8"	2/0,1/0	1/0,1
SCR1-58-0020	5/8"		2/0
SCR1-34-6808	3/4"	6,8	8
SCR1-34-3446	3/4"	3,4	4,6
SCR1-34-1223	3/4"	1,2	2,3
SCR1-34-2010	3/4"	2/0,1/0	1/0,1
SCR1-34-0020	3/4"		2/0
SCR1-34-0040	3/4"		4/0
Furseweld Type SCR2			
SCR2-58-6808	5/8"	6,8	8
SCR2-58-3446	5/8"	3,4	4,6
SCR2-58-1223	5/8"	1,2	2,3
SCR2-58-2010	5/8"	2/0,1/0	1/0,1
SCR2-58-0020	5/8"		2/0
SCR2-34-6808	3/4"	6,8	8
SCR2-34-3446	3/4"	3,4	4,6
SCR2-34-1223	3/4"	1,2	2,3
SCR2-34-2010	3/4"	2/0,1/0	1/0,1
SCR2-34-0020	3/4"		2/0
SCR2-34-0040	3/4"		4/0

* The weight per 100 is 20 lbs. and the standard carton/outer pack is 6 for all catalog numbers.

Cat. No.	Ground Rod Size	Conductor Size Solid	Conductor Size Stranded
Furseweld Type SCR17			
SCR17-58-6808	5/8"	6,8	8
SCR17-58-3446	5/8"	3,4	4,6
SCR17-58-1223	5/8"	1,2	2,3
SCR17-34-6808	3/4"	6,8	8
SCR17-34-3446	3/4"	3,4	4,6
SCR17-34-1223	3/4"	1,2	2,3
Furseweld Type SCR24			
SCR24-58-6808	5/8"	6,8	8
SCR24-58-3446	5/8"	3,4	4,6
SCR24-58-1223	5/8"	1,2	2,3
SCR24-34-6808	3/4"	6,8	8
SCR24-34-3446	3/4"	3,4	4,6
SCR24-34-1223	3/4"	1,2	2,3
Furseweld Type SCR25			
SCR25-58-6808	5/8"	6,8	8
SCR25-58-3446	5/8"	3,4	4,6
SCR25-58-1223	5/8"	1,2	2,3
SCR25-34-6808	3/4"	6,8	8
SCR25-34-3446	3/4"	3,4	4,6
SCR25-34-1223	3/4"	1,2	2,3
Furseweld Type SCR27			
SCR27-58-6808	5/8"	6,8	8
SCR27-58-3446	5/8"	3,4	4,6
SCR27-34-6808	3/4"	6,8	8
SCR27-34-3446	3/4"	3,4	4,6
SCR27-34-1223	3/4"	1,2	2,3

Wire Positioning



SCR1 SCR2 SCR17 SCR24 SCR25 SCR27

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Cross Reference

CADWELD Cat. No.	THERMOWELD Cat. No.	FURSEWELD Cat. No.
BAC-JE	M-1135	**BB1-4-121**
BAC-EE	M-1122	**BB1-4-141**
BAC-EG	M-1124	**BB1-4-14112**
BAC-EF	M-1123	**BB1-4-14114**
BAC-EH	M-1125	**BB1-4-142**
BAC-EJ	M-6346	**BB1-4-14212**
BAC-CE	M-1118	**BB1-4-181**
BAC-CG	M-2557	**BB1-4-18112**
BAC-CH	M-1119	**BB1-4-182**
BAC-CK	M-6298	**BB1-4-183**
BAD-CM	M-5315	**BB1-4-184**
BAC-DE	M-1120	**BB1-4-3161**
BAC-DH	M-1121	**BB1-4-3162**
BAC-GE	M-1130	**BB1-4-381**
BAC-GG	M-1131	**BB1-4-38112**
BAD-JH	M-1136	**BB1-5-122**
BAD-EK	M-1126	**BB1-5-143**
BAD-EM	M-1127	**BB1-5-144**
BAD-GH	M-1132	**BB1-5-382**
BAD-GK	M-1133	**BB1-5-38**
BAD-GM	M-1134	**BB1-5-384**
EPC-JE	M-1247	**BB2-4-121**
EPC-EE	M-1234	**BB2-4-141**
EPC-EG	M-1236	**BB2-4-14112**
EPC-EF	M-1235	**BB2-4-14114**
EPC-EH	M-1237	**BB2-4-142**
EPC-EJ	M-6352	**BB2-4-14212**
EPC-CE	M-1230	**BB2-4-181**
EPC-CG	M-6347	**BB2-4-18112**
EPC-CH	M-1231	**BB2-4-182**
EPC-CK	M-6348	**BB2-4-183**
EPD-CM	M-6351	**BB2-4-184**
EPC-DE	M-1232	**BB2-4-3161**
EPC-DH	M-1233	**BB2-4-3162**
EPC-GE	M-1242	**BB2-4-381**
EPC-GG	M-1243	**BB2-4-38112**
EPD-JH	M-1248	**BB2-5-122**
EPD-EK	M-1238	**BB2-5-143**
EPD-EM	M-1239	**BB2-5-144**
EPD-GH	M-1244	**BB2-5-382**
EPD-GK	M-1245	**BB2-5-383**
EPD-GM	M-1246	**BB2-5-384**
BQC-EEEE	M-1102	**BB3-4-141**
BQC-EGEG	M-1104	**BB3-4-14112**
BQC-EFEF	M-1103	**BB3-4-14114**
BQC-CECE	M-1098	**BB3-4-181**
BQC-CHCH	M-1099	**BB3-4-182**
BQC-DEDE	M-1100	**BB3-4-3161**
BQC-DHDH	M-1101	**BB3-4-3162**
BQC-GEGE	M-1108	**BB3-4-381**
BQD-JEJE	M-1113	**BB3-5-121**

CADWELD Cat. No.	THERMOWELD Cat. No.	FURSEWELD Cat. No.
BQD-JHJH	M-1114	**BB3-5-122**
BQD-EHEH	M-1105	**BB3-5-142**
BQD-GGGG	M-1109	**BB3-5-38112**
BQD-GHGH	M-1110	**BB3-5-382**
BQF-EKEK	M-1106	**BB3-6-143**
BQF-GKGK	M-1111	**BB3-6-383**
BWC-JE	M-1051	**BS1-4-121**
BWC-EE	M-1045	**BS1-4-141**
BWC-EG	M-1047	**BS1-4-14112**
BWC-EF	M-1046	**BS1-4-14114**
BWC-CE	M-1043	**BS1-4-181**
BWC-CG	M-6354	**BS1-4-18112**
BWC-CH	M-1044	**BS1-4-182**
BWC-DE	M-6056	**BS1-4-3161**
BWC-DG	M-6355	**BS1-4-316112**
BWC-DH	M-6356	**BS1-4-3162**
BWC-GE	M-1049	**BS1-4-381**
BWC-GG	M-6357	**BS1-4-38112**
BWD-JG	M-6358	**BS1-5-12112**
BWD-JH	M-1052	**BS1-5-122**
BWD-EH	M-1048	**BS1-5-142**
BWD-GH	M-1050	**BS1-5-382**
CGC-JE	M-1084	**BS2-4-121**
CGC-EE	M-1077	**BS2-4-141**
CGC-EG	M-1079	**BS2-4-14112**
CGC-EF	M-1078	**BS2-4-14114**
CGC-CE	M-1072	**BS2-4-181**
CGC-CG	M-1073	**BS2-4-18112**
CGC-CH	M-1074	**BS2-4-182**
CGC-DE	M-1075	**BS2-4-3161**
CGC-DG	M-6359	**BS2-4-316112**
CGC-DH	M-1076	**BS2-4-3162**
CGC-GE	M-1081	**BS2-4-381**
CGC-GG	M-1082	**BS2-4-38112**
CGD-JG	M-1085	**BS2-5-12112**
CGD-JH	M-1086	**BS2-5-122**
CGD-EH	M-1080	**BS2-5-142**
CGD-GH	M-1083	**BS2-5-382**
CHC-JE	M-1095	**BS3-4-121**
CHC-EE	M-1090	**BS3-4-141**
CHC-EG	M-1092	**BS3-4-14112**
CHC-EF	M-1091	**BS3-4-14114**
CHC-CE	M-1088	**BS3-4-181**
CHC-CG	M-1089	**BS3-4-18112**
CHC-DE	M-6353	**BS3-4-3161**
CHC-DG	M-7163	**BS3-4-316112**
CHC-GE	M-1093	**BS3-4-381**
CHC-GG	M-1094	**BS3-4-38112**
CHD-JG	M-1096	**BS3-5-12112**
CCC-JE	M-1060	**BS4-4-121**
CCC-EE	M-1056	**BS4-4-141**

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CADWELD Cat. No.	THERMOWELD Cat. No.	FURSEWELD Cat. No.
CCC-EG	M-6369	**BS4-4-14112**
CCC-EF	M-5566	**BS4-4-14114**
CCC-CE	M-1054	**BS4-4-181**
CCC-CG	M-6360	**BS4-4-18112**
CCC-CH	M-1055	**BS4-4-182**
CCC-DE	M-6361	**BS4-4-3161**
CCC-DG	M-6362	**BS4-4-316112**
CCC-DH	M-6367	**BS4-4-3162**
CCC-GE	M-1058	**BS4-4-381**
CCC-GG	M-6370	**BS4-4-38112**
CCD-JG	M-6372	**BS4-5-12112**
CCD-JH	M-1061	**BS4-5-122**
CCD-EH	M-1057	**BS4-5-142**
CCD-GH	M-1059	**BS4-5-382**
CFC-JE	M-1069	**BS5-4-121**
CFC-EE	M-1065	**BS5-4-141**
CFC-EG	M-6379	**BS5-4-14112**
CFC-EF	M-6377	**BS5-4-14114**
CFC-CE	M-1063	**BS5-4-181**
CFC-CF	M-6373	**BS5-4-18112**
CFC-CH	M-1064	**BS5-4-182**
CFC-DE	M-6374	**BS5-4-3161**
CFC-DG	M-6375	**BS5-4-316112**
CFC-DH	M-6376	**BS5-4-3162**
CFC-GE	M-1067	**BS5-4-381**
CFC-GG	M-6382	**BS5-4-38112**
CFD-JG	M-6383	**BS5-5-12112**
CFD-JH	M-1070	**BS5-5-122**
CFD-EH	M-1066	**BS5-5-142**
CFD-GH	M-1068	**BS5-5-382**
LAC-1YCE	M-977	**CB1-4-#1181**
LAC-1VCE	M-975	**CB1-4-#2181**
LAC-1TCE	—	**CB1-4-#2S181**
LAC-1LCE	M-971	**CB1-4-#4181**
LAC-2CEE	M-979	**CB1-4-1/0141**
LAC-2CCE	M-978	**CB1-4-1/0181**
LAC-2CDE	M-6075	**CB1-4-1/03161**
LAC-2GEE	M-981	**CB1-4-2/0141**
LAC-2GCE	M-980	**CB1-4-2/0181**
LAC-2GDE	M-6579	**CB1-4-2/03161**
LAC-2VEE	M-988	**CB1-4-250K141**
LAC-2VEG	M-990	**CB1-4-250K14112**
LAC-2VEH	M-8784	**CB1-4-250K142**
LAC-2VEK	M-1916	**CB1-4-250K143**
LAC-2VDE	M-8277	**CB1-4-250K3161**
LAC-2LEE	M-983	**CB1-4-3/0141**
LAC-2LCE	M-6284	**CB1-4-3/0181**
LAC-2LDE	M-982	**CB1-4-3/03161**
LAC-3AEE	M-991	**CB1-4-300K141**
LAC-3AEG	M-993	**CB1-4-300K14112**
LAC-3AEH	M-6288	**CB1-4-300K142**

CADWELD Cat. No.	THERMOWELD Cat. No.	FURSEWELD Cat. No.
LAC-3AEK	M-1917	**CB1-4-300K143**
LAC-3DEE	M-994	**CB1-4-350K141**
LAC-3DEG	M-996	**CB1-4-350K14112**
LAC-3DEH	M-6289	**CB1-4-350K142**
LAC-3DEK	M-1918	**CB1-4-350K143**
LAC-2QEE	M-985	**CB1-4-4/0141**
LAC-2QEG	M-987	**CB1-4-4/014112**
LAC-2QEH	M-5657	**CB1-4-4/0142**
LAC-2QEK	M-1915	**CB1-4-4/0143**
LAC-2QDE	M-984	**CB1-4-4/03161**
LAC-3QEG	M-1001	**CB1-4-500K14112**
LAC-3QEH	M-1002	**CB1-4-500K142**
LAC-3QEK	M-1920	**CB1-4-500K143**
LAC-3QGG	M-1004	**CB1-4-500K38112**
LAD-4YJH	M-1011	**CB1-5-1000K122**
LAD-4YJK	M-6295	**CB1-5-1000K123**
LAD-4YEK	M-6292	**CB1-5-1000K143**
LAD-4YGH	M-1009	**CB1-5-1000K382**
LAD-4YGK	M-1922	**CB1-5-1000K383**
LAD-4LEH	M-1006	**CB1-5-750K142**
LAD-4LEK	M-1921	**CB1-5-750K143**
LAD-4LGG	M-1007	**CB1-5-750K38112**
LAD-4LGH	M-1008	**CB1-5-750K382**
LAD-4LGK	M-6291	**CB1-5-750K383**
LQJ-JH1Y	—	**CB29-10-#1122**
LQJ-EH1Y	—	**CB29-10-#1142**
LQJ-GH1Y	—	**CB29-10-#1382**
LQJ-JH1V	—	**CB29-10-#2122**
LQJ-JH1T	—	**CB29-10-#2S122**
LQJ-JH2C	—	**CB29-10-1/0122**
LQJ-EH2C	—	**CB29-10-1/0142**
LQJ-GH2C	—	**CB29-10-1/0382**
LQJ-JH2G	—	**CB29-10-2/0122**
LQJ-EH2G	—	**CB29-10-2/0142**
LQJ-GH2G	—	**CB29-10-2/0382**
LQJ-JH2V	—	**CB29-10-250K122**
LQJ-EH2V	—	**CB29-10-250K142**
LQJ-GH2V	—	**CB29-10-250K382**
LQJ-JH2Q	—	**CB29-10-4/0122**
LQJ-EH2Q	—	**CB29-10-4/0142**
LQJ-GH2Q	—	**CB29-10-4/0382**
LQJ-JH3Q	—	**CB29-10-500K122**
LQJ-EH3Q	—	**CB29-10-500K142**
LQJ-GH3Q	—	**CB29-10-500K382**
LQJ-JH4L	—	**CB29-10-750K122**
LQJ-EH4L	—	**CB29-10-750K142**
LQJ-GH4L	—	**CB29-10-750K382**
LQE-EH1V	—	**CB29-9-#2142**
LQE-GH1V	—	**CB29-9-#2382**
LQE-EH1T	—	**CB29-9-#2S142**
LQE-GH1T	—	**CB29-9-#2S382**

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CADWELD Cat. No.	THERMOWELD Cat. No.	FURSEWELD Cat. No.
LJC-JG1V	—	**CB4-4-#212112**
LJC-EG1V	—	**CB4-4-#214112**
LJC-GG1V	—	**CB4-4-#238112**
LJC-JG1T	—	**CB4-4-#2S12112**
LJC-EG1T	—	**CB4-4-#2S14112**
LJC-GG1T	—	**CB4-4-#2S38112**
LJC-JG2C	M-1671	**CB4-4-1/012112**
LJC-EG2C	M-1651	**CB4-4-1/014112**
LJC-GG2C	M-1660	**CB4-4-1/038112**
LJC-JG2G	M-1672	**CB4-4-2/012112**
LJC-EG2G	M-1652	**CB4-4-2/014112**
LJC-GG2G	M-1661	**CB4-4-2/038112**
LJC-JG2V	M-1675	**CB4-4-250K12112**
LJC-EG2V	M-1655	**CB4-4-250K14112**
LJC-GG2V	M-1664	**CB4-4-250K38112**
LJC-JG2L	M-1673	**CB4-4-3/012112**
LJC-EG2L	M-1653	**CB4-4-3/014112**
LJC-GG2L	M-1662	**CB4-4-3/038112**
LJC-JG3A	M-1676	**CB4-4-300K12112**
LJC-EG3A	M-1656	**CB4-4-300K14112**
LJC-GG3A	M-1665	**CB4-4-300K38112**
LJC-JG3D	M-1677	**CB4-4-350K12112**
LJC-EG3D	M-1657	**CB4-4-350K14112**
LJC-GG3D	M-1666	**CB4-4-350K38112**
LJC-JG2Q	M-1674	**CB4-4-4/012112**
LJC-EG2Q	M-1654	**CB4-4-4/014112**
LJC-GG2Q	M-1663	**CB4-4-4/038112**
LJC-EG3Q	M-1659	**CB4-4-500K14112**
LJC-GG3Q	M-1668	**CB4-4-500K38112**
LJD-JG4Y	M-1681	**CB4-5-1000K12112**
LJD-GG4Y	M-1670	**CB4-5-1000K38112**
LJD-JG3Q	M-1679	**CB4-5-500K12112**
LJD-JG4L	M-1680	**CB4-5-750K12112**
LJD-GG4L	M-1669	**CB4-5-750K38112**
XBC-1Y1Y	M-2691	**CC11-7-#1#1**
XBC-1Y1V	M-2692	**CC11-7-#1#2**
XBC-1Y1L	M-2693	**CC11-7-#1#4**
XBC-1V1V	M-2689	**CC11-7-#2#2**
XBC-1V1L	M-2690	**CC11-7-#2#4**
XBC-1T1T	M-2689-S	**CC11-7-#2S#2S**
XBC-1L1L	M-2687	**CC11-7-#4#4**
XBP-1H1H	M-5432	**CC11-7-#6#6**
XBP-1G1G	M-5432-S	**CC11-7-#6S#6S**
XBM-2C1Y	M-2695	**CC11-7-1/0#1**
XBM-2C1V	M-2696	**CC11-7-1/0#2**
XBM-2C1L	M-2697	**CC11-7-1/0#4**
XBM-2C2C	M-2694	**CC11-7-1/01/0**
XBM-2G1Y	M-2700	**CC11-7-2/0#1**
XBM-2G1V	M-2701	**CC11-7-2/0#2**
XBM-2G2C	M-2699	**CC11-7-2/01/0**
XBM-2G2G	M-2698	**CC11-7-2/02/0**

CADWELD Cat. No.	THERMOWELD Cat. No.	FURSEWELD Cat. No.
XBM-2V1Y	M-2718	**CC11-7-250K#1**
XBM-2V1V	M-2719	**CC11-7-250K#2**
XBM-2V2C	M-2717	**CC11-7-250K1/0**
XBM-2V2G	M-2716	**CC11-7-250K2/0**
XBM-2V2V	M-2713	**CC11-7-250K250K**
XBM-2V2L	M-2715	**CC11-7-250K3/0**
XBM-2V2Q	M-2714	**CC11-7-250K4/0**
XBM-2L1Y	M-2705	**CC11-7-3/0#1**
XBM-2L1V	M-2706	**CC11-7-3/0#2**
XBM-2L2C	M-2704	**CC11-7-3/01/0**
XBM-2L2G	M-2703	**CC11-7-3/02/0**
XBM-2L2L	M-2702	**CC11-7-3/03/0**
XBM-3A1Y	M-2726	**CC11-7-300K#1**
XBM-3A1V	M-2727	**CC11-7-300K#2**
XBM-3A2C	M-2725	**CC11-7-300K1/0**
XBM-3A2G	M-2724	**CC11-7-300K2/0**
XBM-3A2L	M-2723	**CC11-7-300K3/0**
XBM-3A2Q	M-2722	**CC11-7-300K4/0**
XBM-3D1Y	M-2735	**CC11-7-350K#1**
XBM-3D1V	M-2736	**CC11-7-350K#2**
XBM-3D2C	M-2734	**CC11-7-350K1/0**
XBM-3D2G	M-2733	**CC11-7-350K2/0**
XBM-2Q1Y	M-2711	**CC11-7-4/0#1**
XBM-2Q1V	M-2712	**CC11-7-4/0#2**
XBM-2Q2C	M-2710	**CC11-7-4/01/0**
XBM-2Q2G	M-2709	**CC11-7-4/02/0**
XBM-2Q2L	M-2708	**CC11-7-4/03/0**
XBM-2Q2Q	M-2707	**CC11-7-4/04/0**
XBM-3Q2C	M-2755	**CC11-7-500K1/0**
XBV-3A2V	M-2721	**CC11-8-300K250K**
XBV-3A3A	M-2720	**CC11-8-300K300K**
XBV-3D2V	M-2730	**CC11-8-350K250K**
XBV-3D2L	M-2732	**CC11-8-350K3/0**
XBV-3D3A	M-2729	**CC11-8-350K300K**
XBV-3D3D	M-2728	**CC11-8-350K350K**
XBV-3D2Q	M-2731	**CC11-8-350K4/0**
XBV-3Q2G	M-2754	**CC11-8-500K2/0**
XBV-3Q2V	M-2751	**CC11-8-500K250K**
XBV-3Q2L	M-2753	**CC11-8-500K3/0**
XBV-3Q3A	M-2750	**CC11-8-500K300K**
XBV-3Q3D	M-2749	**CC11-8-500K350K**
XBV-3Q2Q	M-2752	**CC11-8-500K4/0**
XBV-3Q3Q	M-2747	**CC11-8-500K500K**
SST-1Y	M-5626	**CC1-3-#1**
SST-1X	M-5626-S	**CC1-3-#1S**
SST-1V	M-5625	**CC1-3-#2**
SST-1T	M-5625-S	**CC1-3-#2S**
SST-1Q	M-5624	**CC1-3-#3**
—	—	**CC1-4-#2**
SSC-2C	M-205	**CC1-4-1/0**
SSC-2B	M-205-S	**CC1-4-1/0S**

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CADWELD Cat. No.	THERMOWELD Cat. No.	FURSEWELD Cat. No.
SSC-2G	M-206	**CC1-4-2/0**
SSC-2V	M-209	**CC1-4-250K**
SSC-2L	M-207	**CC1-4-3/0**
SSC-3A	M-210	**CC1-4-300K**
SSC-3D	M-211	**CC1-4-350K**
SSC-2Q	M-208	**CC1-4-4/0**
SSC-2P	M-208-S	**CC1-4-4/0S**
SSC-3Q	M-213	**CC1-4-500K**
SSD-4Y	M-215	**CC1-5-1000K**
SSD-4L	M-214	**CC1-5-750K**
TAC-1Y1Y	M-225	**CC2-4-#1#1**
TAC-1Y1V	M-226	**CC2-4-#1#2**
TAC-1Y1T	M-5879	**CC2-4-#1#2S**
TAC-1Y1L	M-227	**CC2-4-#1#4**
TAC-1V1V	M-223	**CC2-4-#2#2**
TAC-1V1T	M-5869	**CC2-4-#2#2S**
TAC-1T1L	M-224	**CC2-4-#2#4**
TAC-1V1L	M-5859	**CC2-4-#2#4**
TAC-1T1V	M-5856	**CC2-4-#2S#2**
TAC-1T1T	M-223-S	**CC2-4-#2S#2S**
TAC-1L1L	M-221	**CC2-4-#4#4**
TAC-2C1Y	M-229	**CC2-4-1/0#1**
TAC-2C1V	M-230	**CC2-4-1/0#2**
TAC-2C1T	M-5311	**CC2-4-1/0#2S**
TAC-2C1L	M-231	**CC2-4-1/0#4**
TAC-2C2C	M-228	**CC2-4-1/01/0**
TAC-4Y2C	M-308	**CC2-4-1000K1/0**
TAC-4Y2G	M-307	**CC2-4-1000K2/0**
TAC-4Y2V	M-305	**CC2-4-1000K250K**
TAC-4Y3A	M-304	**CC2-4-1000K300K**
TAC-4Y3D	M-303	**CC2-4-1000K350K**
TAC-4Y2Q	M-306	**CC2-4-1000K4/0**
TAC-2G1Y	M-234	**CC2-4-2/0#1**
TAC-2G1V	M-235	**CC2-4-2/0#2**
TAC-2G1T	M-8093	**CC2-4-2/0#2S**
TAC-2G1L	M-5475	**CC2-4-2/0#4**
TAC-2G2C	M-233	**CC2-4-2/01/0**
TAC-2G2G	M-232	**CC2-4-2/02/0**
TAC-2V1Y	M-252	**CC2-4-250K#1**
TAC-2V1V	M-253	**CC2-4-250K#2**
TAC-2V1T	M-5889	**CC2-4-250K#2S**
TAC-2V1L	M-5425	**CC2-4-250K#4**
TAC-2V2C	M-251	**CC2-4-250K1/0**
TAC-2V2G	M-250	**CC2-4-250K2/0**
TAC-2V2V	M-247	**CC2-4-250K250K**
TAC-2V2L	M-249	**CC2-4-250K3/0**
TAC-2V2Q	M-248	**CC2-4-250K4/0**
TAC-2L1Y	M-239	**CC2-4-3/0#1**
TAC-2L1V	M-240	**CC2-4-3/0#2**
TAC-2L1T	M-5884	**CC2-4-3/0#2S**
TAC-2L1L	M-5574	**CC2-4-3/0#4**

CADWELD Cat. No.	THERMOWELD Cat. No.	FURSEWELD Cat. No.
TAC-2L2C	M-238	**CC2-4-3/01/0**
TAC-2L2G	M-237	**CC2-4-3/02/0**
TAC-2L2L	M-236	**CC2-4-3/03/0**
TAC-3A1Y	M-260	**CC2-4-300K#1**
TAC-3A1V	M-261	**CC2-4-300K#2**
TAC-3A1T	M-5903	**CC2-4-300K#2S**
TAC-3A1L	M-6397	**CC2-4-300K#4**
TAC-3A2C	M-259	**CC2-4-300K1/0**
TAC-3A2G	M-258	**CC2-4-300K2/0**
TAC-3A2V	M-255	**CC2-4-300K250K**
TAC-3A2L	M-257	**CC2-4-300K3/0**
TAC-3A3A	M-254	**CC2-4-300K300K**
TAC-3A2Q	M-256	**CC2-4-300K4/0**
TAC-3D1Y	M-269	**CC2-4-350K#1**
TAC-3D1V	M-270	**CC2-4-350K#2**
TAC-3D1L	M-6398	**CC2-4-350K#4**
TAC-3D2C	M-268	**CC2-4-350K1/0**
TAC-3D2G	M-267	**CC2-4-350K2/0**
TAC-3D2V	M-264	**CC2-4-350K250K**
TAC-3D2L	M-266	**CC2-4-350K3/0**
TAC-3D3A	M-263	**CC2-4-350K300K**
TAC-3D3D	M-262	**CC2-4-350K350K**
TAC-3D2Q	M-265	**CC2-4-350K4/0**
TAC-2Q1Y	M-245	**CC2-4-4/0#1**
TAC-2Q1V	M-246	**CC2-4-4/0#2**
TAC-2Q1T	M-5348	**CC2-4-4/0#2S**
TAC-2Q1L	M-5021	**CC2-4-4/0#4**
TAC-2Q2C	M-244	**CC2-4-4/01/0**
TAC-2Q2G	M-243	**CC2-4-4/02/0**
TAC-2Q2L	M-242	**CC2-4-4/03/0**
TAC-2Q2Q	M-241	**CC2-4-4/04/0**
TAC-3Q1Y	M-288	**CC2-4-500K#1**
TAC-3Q1V	M-289	**CC2-4-500K#2**
TAC-3Q1L	M-8113	**CC2-4-500K#4**
TAC-3Q2C	M-287	**CC2-4-500K1/0**
TAC-3Q2G	M-286	**CC2-4-500K2/0**
TAC-3Q2V	M-284	**CC2-4-500K250K**
TAC-3Q3A	M-283	**CC2-4-500K300K**
TAC-3Q3D	M-282	**CC2-4-500K350K**
TAC-3Q2Q	M-285	**CC2-4-500K4/0**
TAC-3Q3Q	M-280	**CC2-4-500K500K**
TAC-4L2C	M-298	**CC2-4-750K1/0**
TAC-4L2G	M-297	**CC2-4-750K2/0**
TAC-4L2V	M-295	**CC2-4-750K250K**
TAC-4L3A	M-294	**CC2-4-750K300K**
TAC-4L3D	M-293	**CC2-4-750K350K**
TAC-4L2Q	M-296	**CC2-4-750K4/0**
TAD-4Y4Y	M-299	**CC2-5-1000K1000K**
TAD-4Y3Q	M-301	**CC2-5-1000K500K**
TAD-4Y4L	M-300	**CC2-5-1000K750K**
TAD-4L3Q	M-291	**CC2-5-750K500K**

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CADWELD Cat. No.	THERMOWELD Cat. No.	FURSEWELD Cat. No.
TAD-4L4L	M-290	**CC2-5-750K750K**
—	—	**CC2HD-4-4/04/0**
XAC-1Y1Y	M-427	**CC4-4-#1#1**
XAC-1Y1V	M-428	**CC4-4-#1#2**
XAC-1Y1L	M-429	**CC4-4-#1#4**
XAC-1V1V	—	**CC4-4-#2#2**
XAC-1V1L	—	**CC4-4-#2#4**
XAC-1T1T	—	**CC4-4-#2S#2S**
XAC-1L1L	—	**CC4-4-#4#4**
XAC-2C1Y	M-431	**CC4-4-1/0#1**
XAC-2C1V	M-432	**CC4-4-1/0#2**
XAC-2C1L	M-433	**CC4-4-1/0#4**
XAC-2C2C	M-430	**CC4-4-1/01/0**
XAC-2G1Y	M-436	**CC4-4-2/0#1**
XAC-2G1V	M-437	**CC4-4-2/0#2**
XAC-2G2C	M-435	**CC4-4-2/01/0**
XAC-2G2G	M-434	**CC4-4-2/02/0**
XAC-2V1Y	M-454	**CC4-4-250K#1**
XAC-2V1V	M-455	**CC4-4-250K#2**
XAC-2V2C	M-453	**CC4-4-250K1/0**
XAC-2V2G	M-452	**CC4-4-250K2/0**
XAC-2V2V	M-449	**CC4-4-250K250K**
XAC-2V2L	M-451	**CC4-4-250K3/0**
XAC-2V2Q	M-450	**CC4-4-250K4/0**
XAC-2L1Y	M-441	**CC4-4-3/0#1**
XAC-2L1V	M-442	**CC4-4-3/0#2**
XAC-2L2C	M-440	**CC4-4-3/01/0**
XAC-2L2G	M-439	**CC4-4-3/02/0**
XAC-2L2L	M-438	**CC4-4-3/03/0**
XAC-3A1Y	M-462	**CC4-4-300K#1**
XAC-3A1V	M-463	**CC4-4-300K#2**
XAC-3A2C	M-461	**CC4-4-300K1/0**
XAC-3A2G	M-460	**CC4-4-300K2/0**
XAC-3A2V	M-457	**CC4-4-300K250K**
XAC-3A2L	M-459	**CC4-4-300K3/0**
XAC-3A3A	M-456	**CC4-4-300K300K**
XAC-3A2Q	M-458	**CC4-4-300K4/0**
XAC-3D1Y	M-471	**CC4-4-350K#1**
XAC-3D1V	M-472	**CC4-4-350K#2**
XAC-3D2C	M-470	**CC4-4-350K1/0**
XAC-3D2G	M-469	**CC4-4-350K2/0**
XAC-3D2V	M-466	**CC4-4-350K250K**
XAC-3D2L	M-468	**CC4-4-350K3/0**
XAC-3D3A	M-465	**CC4-4-350K300K**
XAC-3D3D	M-464	**CC4-4-350K350K**
XAC-3D2Q	M-467	**CC4-4-350K4/0**
XAC-2Q1Y	M-447	**CC4-4-4/0#1**
XAC-2Q1V	M-448	**CC4-4-4/0#2**
XAC-2Q2C	M-446	**CC4-4-4/01/0**
XAC-2Q2G	M-445	**CC4-4-4/02/0**
XAC-2Q2L	M-444	**CC4-4-4/03/0**

CADWELD Cat. No.	THERMOWELD Cat. No.	FURSEWELD Cat. No.
XAC-2Q2Q	M-443	**CC4-4-4/04/0**
XAC-3Q2C	M-491	**CC4-4-500K1/0**
XAC-3Q2G	M-490	**CC4-4-500K2/0**
XAD-3Q2V	M-487	**CC4-5-500K250K**
XAD-3Q2L	M-489	**CC4-5-500K3/0**
XAD-3Q3A	M-486	**CC4-5-500K300K**
XAD-3Q3D	M-485	**CC4-5-500K350K**
XAD-3Q2Q	M-488	**CC4-5-500K4/0**
XAD-3Q3Q	M-483	**CC4-5-500K500K**
PCC-1Y1V	M-1282	**CC6-4-#1#2**
PCC-1Y1L	M-1283	**CC6-4-#1#4**
PCC-1Y1H	M-1284	**CC6-4-#1#6**
PCC-1Y1G	M-1285	**CC6-4-#1#6S**
PCC-1Y1D	M-1286	**CC6-4-#1#8S**
PCC-1V1V	M-1276	**CC6-4-#2#2**
PCC-1V1L	M-1277	**CC6-4-#2#4**
PCC-1V1H	M-1278	**CC6-4-#2#6**
PCC-1V1G	M-1279	**CC6-4-#2#6S**
PCC-1V1D	M-1280	**CC6-4-#2#8S**
PCC-1T1V	—	**CC6-4-#2S#2**
PCC-1T1T	—	**CC6-4-#2S#2S**
PCC-1T1H	—	**CC6-4-#2S#6**
PCC-1T1G	—	**CC6-4-#2S#6S**
PCC-1T2C	—	**CC6-4-#2S1/0**
PCC-1T2G	—	**CC6-4-#2S2/0**
PCC-1L1L	—	**CC6-4-#4#4**
PCC-1L1H	—	**CC6-4-#4#6**
PCC-1L1G	—	**CC6-4-#4#6S**
PCC-1L1D	—	**CC6-4-#4#8S**
PCC-2C1V	M-1289	**CC6-4-1/0#2**
PCC-2C1L	M-1290	**CC6-4-1/0#4**
PCC-2C1H	M-1291	**CC6-4-1/0#6**
PCC-2C1G	M-1292	**CC6-4-1/0#6S**
PCC-2C1D	M-1293	**CC6-4-1/0#8S**
PCC-2G1V	M-1297	**CC6-4-2/0#2**
PCC-2G1L	M-1298	**CC6-4-2/0#4**
PCC-2G1H	M-1299	**CC6-4-2/0#6**
PCC-2G1G	M-1300	**CC6-4-2/0#6S**
PCC-2G1D	M-1301	**CC6-4-2/0#8S**
—	—	**CC6-4-2/02/0**
PCC-2Q1Y	M-1305	**CC6-4-4/0#1**
PCC-2Q1V	M-1306	**CC6-4-4/0#2**
PCC-2Q1L	M-1307	**CC6-4-4/0#4**
PCC-2Q1H	M-1308	**CC6-4-4/0#6**
PCC-2Q1G	M-1309	**CC6-4-4/0#6S**
PCC-2Q1D	M-1310	**CC6-4-4/0#8S**
—	—	**CC6-4-4/02/0**
—	—	**CC6-4-4/04/0**
PTC-1Y1Y	M-1315	**CC7-4-#1#1**
PTC-1Y1X	M-6013	**CC7-4-#1#1S**
PTC-1Y1V	M-1316	**CC7-4-#1#2**

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CADWELD Cat. No.	THERMOWELD Cat. No.	FURSEWELD Cat. No.
PTC-1Y1T	M-6017	**CC7-4-#1#2S**
PTC-1Y1L	M-1317	**CC7-4-#1#4**
PTC-1Y1H	M-5636	**CC7-4-#1#6**
PTC-1Y1G	M-5637	**CC7-4-#1#6S**
PTC-1Y1E	M-5638	**CC7-4-#1#8**
PTC-1Y1D	M-5639	**CC7-4-#1#8S**
PTC-1X1Y	M-5998	**CC7-4-#1S#1**
PTC-1X1V	M-6001	**CC7-4-#1S#2**
PTC-1X1T	M-1316-S	**CC7-4-#1S#2S**
PTC-1X1L	M-6008	**CC7-4-#1S#4**
PTC-1X1H	M-6010	**CC7-4-#1S#6**
PTC-1X1G	M-5636-S	**CC7-4-#1S#6S**
PTC-1X1E	M-6012	**CC7-4-#1S#8**
PTC-1X1D	M-5638-S	**CC7-4-#1S#8S**
PTC-1V1V	M-1313	**CC7-4-#2#2**
PTC-1V1L	M-1314	**CC7-4-#2#4**
PTC-1V1H	M-5631	**CC7-4-#2#6**
PTC-1V1G	M-5632	**CC7-4-#2#6S**
PTC-1V1E	M-5634	**CC7-4-#2#8**
PTC-1V1D	M-5635	**CC7-4-#2#8S**
PTC-1T1V	M-5973	**CC7-4-#2S#2**
PTC-1T1T	M-1313-S	**CC7-4-#2S#2S**
PTC-1T1L	M-5987	**CC7-4-#2S#4**
PTC-1T1H	M-5989	**CC7-4-#2S#6**
PTC-1T1G	M-5631-S	**CC7-4-#2S#6S**
PTC-1T1E	M-5993	**CC7-4-#2S#8**
PTC-1T1D	M-5634-S	**CC7-4-#2S#8S**
PTC-1L1L	M-1311	**CC7-4-#4#4**
PTC-1L1H	M-5627	**CC7-4-#4#6**
PTC-1L1G	M-8882	**CC7-4-#4#6S**
PTC-1L1E	M-5629	**CC7-4-#4#8**
PTC-1L1D	M-5630	**CC7-4-#4#8S**
PTC-2C1Y	M-1319	**CC7-4-1/0#1**
PTC-2C1X	M-6036	**CC7-4-1/0#1S**
PTC-2C1V	M-1320	**CC7-4-1/0#2**
PTC-2C1T	M-6044	**CC7-4-1/0#2S**
PTC-2C1L	M-1321	**CC7-4-1/0#4**
PTC-2C1H	M-5642	**CC7-4-1/0#6**
PTC-2C1G	M-1208	**CC7-4-1/0#6S**
PTC-2C1E	M-5644	**CC7-4-1/0#8**
PTC-2C1D	M-5645	**CC7-4-1/0#8S**
PTC-2C2C	M-1318	**CC7-4-1/01/0**
PTC-2C2B	M-6035	**CC7-4-1/01/0**S
PTC-2B1Y	M-6019	**CC7-4-1/0S#1**
PTC-2B1X	M-1319-S	**CC7-4-1/0S#1S**
PTC-2B1V	M-6023	**CC7-4-1/0S#2**
PTC-2B1T	M-1320-S	**CC7-4-1/0S#2S**
PTC-2B1L	M-6026	**CC7-4-1/0S#4**
PTC-2B1H	M-6806	**CC7-4-1/0S#6**
PTC-2B1G	M-5462-S	**CC7-4-1/0S#6S**
PTC-2B1E	M-6028	**CC7-4-1/0S#8**

CADWELD Cat. No.	THERMOWELD Cat. No.	FURSEWELD Cat. No.
PTC-2B1D	M-5644-S	**CC7-4-1/0S#8S**
PTC-2B2C	M-6227	**CC7-4-1/0S1/0**
PTC-2B2B	M-1318-S	**CC7-4-1/0S1/0S**
PTC-2G1Y	M-1324	**CC7-4-2/0#1**
PTC-2G1X	M-6052	**CC7-4-2/0#1S**
PTC-2G1V	M-1325	**CC7-4-2/0#2**
PTC-2G1L	M-5659	**CC7-4-2/0#4**
PTC-2G1H	M-5342	**CC7-4-2/0#6**
PTC-2G1G	M-5652	**CC7-4-2/0#6S**
PTC-2G1E	M-5668	**CC7-4-2/0#8**
PTC-2G1D	M-5943	**CC7-4-2/0#8S**
PTC-2G2C	M-1323	**CC7-4-2/01/0**
PTC-2G2B	M-6047	**CC7-4-2/01/0S**
PTC-2G2G	M-1322	**CC7-4-2/02/0**
PTC-2L1Y	M-1329	**CC7-4-3/0#1**
PTC-2L1X	M-6064	**CC7-4-3/0#1S**
PTC-2L1V	M-1330	**CC7-4-3/0#2**
PTC-2L1T	M-6065	**CC7-4-3/0#2S**
PTC-2L1L	M-6046	**CC7-4-3/0#4**
PTC-2L1H	M-5676	**CC7-4-3/0#6**
PTC-2L1G	M-5679	**CC7-4-3/0#6S**
PTC-2L1E	M-5680	**CC7-4-3/0#8**
PTC-2L1D	M-5682	**CC7-4-3/0#8S**
PTC-2L2C	M-1328	**CC7-4-3/01/0**
PTC-2L2B	M-6062	**CC7-4-3/01/0S**
PTC-2L2G	M-1327	**CC7-4-3/02/0**
PTC-2L2L	M-1326	**CC7-4-3/03/0**
PTC-2Q1Y	M-1335	**CC7-4-4/0#1**
PTC-2Q1X	M-6804	**CC7-4-4/0#1S**
PTC-2Q1V	M-1336	**CC7-4-4/0#2**
PTC-2Q1T	M-6805	**CC7-4-4/0#2S**
PTC-2Q1L	M-5340	**CC7-4-4/0#4**
PTC-2Q1H	M-5684	**CC7-4-4/0#6**
PTC-2Q1G	M-6552	**CC7-4-4/0#6S**
PTC-2Q1E	M-5686	**CC7-4-4/0#8**
PTC-2Q1D	M-5688	**CC7-4-4/0#8S**
PTC-2Q2C	M-1334	**CC7-4-4/01/0**
PTC-2Q2B	M-2551	**CC7-4-4/01/0S**
PTC-2Q2G	M-1333	**CC7-4-4/02/0**
PTC-2Q2L	M-1332	**CC7-4-4/03/0**
PTC-2Q2Q	M-1331	**CC7-4-4/04/0**
PTC-2Q2P	M-6803	**CC7-4-4/04/0S**
PTC-2P1Y	M-6089	**CC7-4-4/0S#1**
PTC-2P1X	M-1335-S	**CC7-4-4/0S#1S**
PTC-2P1V	M-6090	**CC7-4-4/0S#2**
PTC-2P1T	M-1336-S	**CC7-4-4/0S#2S**
PTC-2P1L	M-6109	**CC7-4-4/0S#4**
PTC-2P1H	M-6111	**CC7-4-4/0S#6**
PTC-2P1G	M-5684-S	**CC7-4-4/0S#6S**
PTC-2P1E	M-6112	**CC7-4-4/0S#8**
PTC-2P1D	M-5686-S	**CC7-4-4/0S#8S**

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PTC-2P2C	M-6085	**CC7-4-4/0S1/0**
PTC-2P2B	M-1334-S	**CC7-4-4/0S1/0S**
PTC-2P2G	M-6082	**CC7-4-4/0S2/0**
PTC-2P2L	M-6081	**CC7-4-4/0S3/0**
PTC-2P2Q	M-6071	**CC7-4-4/0S4/0**
PTC-2P2P	M-1331-S	**CC7-4-4/0S4/0S**
GRT-14A1V	—	**CR1-3-500#2**
GRT-14A1T	—	**CR1-3-500#2S**
GRT-14A1L	M-8403	**CR1-3-500#4**
GRT-14A1K	M-8403-S	**CR1-3-500#4S**
GRT-14A1H	M-8402	**CR1-3-500#6**
GRT-14A1G	M-8402-S	**CR1-3-500#6S**
GRT-14B1V	—	**CR1-3-500L#2**
GRT-14B1T	—	**CR1-3-500L#2S**
GRT-14B1L	M-8403-T	**CR1-3-500L#4**
GRT-14B1K	M-8403-ST	**CR1-3-500L#4S**
GRT-14B1H	M-8402-T	**CR1-3-500L#6**
GRT-14B1G	M-8402-ST	**CR1-3-500L#6S**
GRT-161L	M-8415	**CR1-3-625#4**
GRT-161K	M-8415-S	**CR1-3-625#4S**
GRT-161H	M-8414	**CR1-3-625#6**
GRT-161G	M-8414-S	**CR1-3-625#6S**
GRP-181L	M-8426	**CR1-3-750#4**
GRP-181K	M-8426-S	**CR1-3-750#4S**
GRT-181H	M-8422	**CR1-3-750#6**
GRT-181G	M-8422-S	**CR1-3-750#6S**
GRC-151Y	M-496	**CR1-4-500#1**
GRC-152C	M-497	**CR1-4-5001/0**
GRC-152B	M-497-S	**CR1-4-5001/0S**
GRC-152G	M-498	**CR1-4-5002/0**
GRC-152V	M-501	**CR1-4-500250K**
GRC-152L	M-499	**CR1-4-5003/0**
GRC-153A	M-502	**CR1-4-500300K**
GRC-152Q	M-500	**CR1-4-5004/0**
GRC-141Y	M-496-T	**CR1-4-500L#1**
GRC-142C	M-497-T	**CR1-4-500L1/0**
GRC-142B	M-497-ST	**CR1-4-500L1/0S**
GRC-142G	M-498-T	**CR1-4-500L2/0**
GRC-142V	M-501-T	**CR1-4-500L250K**
GRC-142L	M-499-T	**CR1-4-500L3/0**
GRC-143A	M-502-T	**CR1-4-500L300K**
GRC-142Q	M-500-T	**CR1-4-500L4/0**
GRC-161Y	M-504	**CR1-4-625#1**
GRC-161V	M-503	**CR1-4-625#2**
GRT-161V	—	**CR1-4-625#2**
GRC-161T	—	**CR1-4-625#2S**
GRT-161T	—	**CR1-4-625#2S**
GRC-162C	M-505	**CR1-4-6251/0**
GRC-162B	M-505-S	**CR1-4-6251/0S**
GRC-162G	M-506	**CR1-4-6252/0**
GRC-162V	M-509	**CR1-4-625250K**

CADWELD Cat. No.	THERMOWELD Cat. No.	FURSEWELD Cat. No.
GRC-162L	M-507	**CR1-4-6253/0**
GRC-163A	M-510	**CR1-4-625300K**
GRC-163D	M-511	**CR1-4-625350K**
GRC-162Q	M-508	**CR1-4-6254/0**
GRC-163Q	M-513	**CR1-4-625500K**
GRC-181Y	M-514	**CR1-4-750#1**
GRC-181V	M-5781	**CR1-4-750#2**
GRC-181T	—	**CR1-4-750#2S**
GRC-182C	M-515	**CR1-4-7501/0**
GRC-182B	M-515-S	**CR1-4-7501/0S**
GRC-182G	M-516	**CR1-4-7502/0**
GRC-182V	M-519	**CR1-4-750250K**
GRC-182L	M-517	**CR1-4-7503/0**
GRC-183A	M-520	**CR1-4-750300K**
GRC-183D	M-521	**CR1-4-750350K**
GRC-182Q	M-518	**CR1-4-7504/0**
GRC-183Q	M-523	**CR1-4-750500K**
—	—	**CR17-4-7504/0**
GTT-14A1L	M-8435	**CR2-3-500#4**
GTT-14A1K	M-8435-S	**CR2-3-500#4S**
GTT-14A1H	M-8434	**CR2-3-500#6**
GTT-14A1G	M-8434-S	**CR2-3-500#6S**
GTT-14B1L	M-8435-T	**CR2-3-500L#4**
GTT-14B1K	M-8435-ST	**CR2-3-500L#4S**
GTT-14B1H	M-8434-T	**CR2-3-500L#6**
GTT-14B1G	M-8434-ST	**CR2-3-500L#6S**
GTT-161L	M-8442	**CR2-3-625#4**
GTT-161K	M-8442-S	**CR2-3-625#4S**
GTT-161H	M-8441	**CR2-3-625#6**
GTT-161G	M-8441-S	**CR2-3-625#6S**
GTP-181L	M-8454	**CR2-3-750#4**
GTP-181K	M-8454-S	**CR2-3-750#4S**
GTP-181H	M-8452	**CR2-3-750#6**
GTP-181G	M-8452-S	**CR2-3-750#6S**
GTC-151Y	M-538	**CR2-4-500#1**
GTC-151V	M-537	**CR2-4-500#2**
GTC-151T	—	**CR2-4-500#2S**
GTC-152C	M-539	**CR2-4-5001/0**
GTC-152B	M-539-S	**CR2-4-5001/0S**
GTC-152G	M-540	**CR2-4-5002/0**
GTC-152V	M-543	**CR2-4-500250K**
GTC-152L	M-541	**CR2-4-5003/0**
GTC-153A	M-544	**CR2-4-500300K**
GTC-152Q	M-542	**CR2-4-5004/0**
GTC-141Y	M-538-T	**CR2-4-500L#1**
GTC-141V	M-537-T	**CR2-4-500L#2**
GTC-141T	—	**CR2-4-500L#2S**
GTC-142C	M-539-T	**CR2-4-500L1/0**
GTC-142B	—	**CR2-4-500L1/0S**
GTC-142G	M-540-T	**CR2-4-500L2/0**
GTC-142V	M-543-T	**CR2-4-500L250K**

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CADWELD Cat. No.	THERMOWELD Cat. No.	FURSEWELD Cat. No.
GTC-142L	M-541-T	**CR2-4-500L3/0**
GTC-143A	M-544-T	**CR2-4-500L300K**
GTC-142Q	M-542-T	**CR2-4-500L4/0**
GTC-161Y	M-546	**CR2-4-625#1**
GTC-161V	M-545	**CR2-4-625#2**
GTC-161T	—	**CR2-4-625#2S**
GTC-162C	M-547	**CR2-4-6251/0**
GTC-162B	M-547-S	**CR2-4-6251/0S**
GTC-162G	M-548	**CR2-4-6252/0**
GTC-162V	M-551	**CR2-4-625250K**
GTC-162L	M-549	**CR2-4-6253/0**
GTC-163A	M-552	**CR2-4-625300K**
GTC-163D	M-553	**CR2-4-625350K**
GTC-162Q	M-550	**CR2-4-6254/0**
GTC-163Q	M-555	**CR2-4-625500K**
GTC-181Y	M-557	**CR2-4-750#1**
GTC-181V	M-556	**CR2-4-750#2**
GTC-181T	—	**CR2-4-750#2S**
GTC-182C	M-558	**CR2-4-7501/0**
GTC-182B	M-558-S	**CR2-4-7501/0S**
GTC-182G	M-559	**CR2-4-7502/0**
GTC-182V	M-562	**CR2-4-750250K**
GTC-182L	M-560	**CR2-4-7503/0**
GTC-183A	M-563	**CR2-4-750300K**
GTC-183D	M-564	**CR2-4-750350K**
GTC-182Q	M-561	**CR2-4-7504/0**
GTC-183Q	M-566	**CR2-4-750500K**
GYJ-163Q	M-1593	**CR3-10-625500K**
GYJ-183D	M-1599	**CR3-10-750350K**
GYJ-183Q	M-1601	**CR3-10-750500K**
GYE-152C	M-1581	**CR3-9-5001/0**
GYE-152B	M-1581-S	**CR3-9-5001/0S**
GYE-152G	M-1582	**CR3-9-5002/0**
GYE-152V	M-1584	**CR3-9-500250K**
GYE-152L	M-6267	**CR3-9-5003/0**
GYE-153A	M-1585	**CR3-9-500300K**
GYE-152Q	M-1583	**CR3-9-5004/0**
GYE-142C	M-1581-T	**CR3-9-500L1/0**
GYE-142B	M-1581-ST	**CR3-9-500L1/0S**
GYE-142G	M-1582-T	**CR3-9-500L2/0**
GYE-142V	M-1584-T	**CR3-9-500L250K**
GYE-142L	M-6267-T	**CR3-9-500L3/0**
GYE-143A	M-1585-T	**CR3-9-500L300K**
GYE-142Q	M-1583-T	**CR3-9-500L4/0**
—	—	**CR3-9-625#2**
GYE-162C	M-1586	**CR3-9-6251/0**
GYE-162B	M-1586-S	**CR3-9-6251/0S**
GYE-162G	M-1587	**CR3-9-6252/0**
GYE-162V	M-1589	**CR3-9-625250K**
GYE-162L	M-8305	**CR3-9-6253/0**
GYE-163A	M-1590	**CR3-9-625300K**

CADWELD Cat. No.	THERMOWELD Cat. No.	FURSEWELD Cat. No.
GYE-163D	M-1591	**CR3-9-625350K**
GYE-162Q	M-1588	**CR3-9-6254/0**
GYE-182C	M-1594	**CR3-9-7501/0**
GYE-182B	M-1594-S	**CR3-9-7501/0S**
GYE-182G	M-1595	**CR3-9-7502/0**
GYE-182V	M-1597	**CR3-9-750250K**
GYE-182L	M-6608	**CR3-9-7503/0**
GYE-183A	—	**CR3-9-750300K**
GYE-182Q	M-1596	**CR3-9-7504/0**
RR	—	**CRE1-3-#1Y**
RR	—	**CRE1-3-#1Z**
RR	—	**CRE1-3-#2SY**
RR	—	**CRE1-3-#2SZ**
RR	—	**CRE1-3-#2Y**
RR	—	**CRE1-3-#2Z**
RR	—	**CRE1-3-#4Y**
RR	—	**CRE1-3-#4Z**
RR	—	**CRE1-3-1/0Y**
RR	—	**CRE1-3-1/0Z**
RR	—	**CRE1-3-2/0Y**
RR	—	**CRE1-3-2/0Z**
RR	—	**CRE1-3-3/0Y**
RR	—	**CRE1-3-3/0Z**
RR	—	**CRE1-3-4/0Y**
RR	—	**CRE1-3-4/0Z**
RRC-511Y	M-7503	**CRE1-4-#13R**
RRC-511V	M-7502	**CRE1-4-#23R**
RRC-511T	—	**CRE1-4-#2S3R**
RRC-511L	M-7501	**CRE1-4-#43R**
RRC-512C	M-7504	**CRE1-4-1/03R**
RRC-512G	M-7505	**CRE1-4-2/03R**
RRC-512L	M-7506	**CRE1-4-3/03R**
RRC-512Q	M-7507	**CRE1-4-4/03R**
RC	—	**CRE3-3-#2SY**
RC	—	**CRE3-3-#2SZ**
RC	—	**CRE3-3-#2Y**
RC	—	**CRE3-3-#2Z**
RC	—	**CRE3-3-#4Y**
RC	—	**CRE3-3-#4Z**
—	—	**CRE3-3-1/0Y**
—	—	**CRE3-3-1/0Z**
—	—	**CRE3-3-2/0Y**
—	—	**CRE3-3-2/0Z**
RC	—	**CRE3-4-#1Y**
RC	—	**CRE3-4-#1Z**
RC	—	**CRE3-4-1/0Y**
RC	—	**CRE3-4-1/0Z**
RC	—	**CRE3-4-2/0Y**
RC	—	**CRE3-4-2/0Z**
RC	—	**CRE3-4-3/0Y**
RC	—	**CRE3-4-3/0Z**

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CADWELD Cat. No.	THERMOWELD Cat. No.	FURSEWELD Cat. No.
RC	—	**CRE3-4-4/0Y**
RC	—	**CRE3-4-4/0Z**
RD	—	**CRE4-3-#1Y**
RD	—	**CRE4-3-#1Z**
RD	—	**CRE4-3-#2SY**
RD	—	**CRE4-3-#2SZ**
RD	—	**CRE4-3-#2Y**
RD	—	**CRE4-3-#2Z**
RD	—	**CRE4-3-#4Y**
RD	—	**CRE4-3-#4Z**
RD	—	**CRE4-3-1/0Y**
RD	—	**CRE4-3-1/0Z**
RD	—	**CRE4-3-2/0Y**
RD	—	**CRE4-3-2/0Z**
RD	—	**CRE4-3-3/0Y**
RD	—	**CRE4-3-3/0Z**
RD	—	**CRE4-3-4/0Y**
RD	—	**CRE4-3-4/0Z**
RJ	—	**CRE6-3-#1Y**
RJ	—	**CRE6-3-#1Z**
RJ	—	**CRE6-3-#2SY**
RJ	—	**CRE6-3-#2SZ**
RJ	—	**CRE6-3-#2Y**
RJ	—	**CRE6-3-#2Z**
RJ	—	**CRE6-3-#4Y**
RJ	—	**CRE6-3-#4Z**
RJ	—	**CRE6-4-1/0Y**
RJ	—	**CRE6-4-1/0Z**
RJ	—	**CRE6-4-2/0Y**
RJ	—	**CRE6-4-2/0Z**
RJ	—	**CRE6-4-3/0Y**
RJ	—	**CRE6-4-3/0Z**
RJ	—	**CRE6-4-4/0Y**
RJ	—	**CRE6-4-4/0Z**
HSC-2C	M-644	**CS1-4-1/0**
HSD-4Y	M-654	**CS1-4-1000K**
HSC-2G	M-645	**CS1-4-2/0**
HSC-2V	M-648	**CS1-4-250K**
HSC-2L	M-646	**CS1-4-3/0**
HSC-3A	M-649	**CS1-4-300K**
HSC-3D	M-650	**CS1-4-350K**
HSC-2Q	M-647	**CS1-4-4/0**
HSC-3Q	M-652	**CS1-4-500K**
HSD-4L	M-653	**CS1-4-750K**
HTC-2C	M-616	**CS2-4-1/0**
HTC-2G	M-617	**CS2-4-2/0**
HTC-2V	M-620	**CS2-4-250K**
HTC-2L	M-618	**CS2-4-3/0**
HTC-3A	M-621	**CS2-4-300K**
HTC-3D	M-622	**CS2-4-350K**
HTC-2Q	M-619	**CS2-4-4/0**

CADWELD Cat. No.	THERMOWELD Cat. No.	FURSEWELD Cat. No.
VBC-1Y	M-5361	**CS25-4-#1**
VBC-1Y-V3	—	**CS25-4-#1C**
VBC-1Y-V5	—	**CS25-4-#1D**
VBC-1Y-V8	—	**CS25-4-#1F**
VBC-1Y-V21C	—	**CS25-4-#1G**
VBC-1V	M-2781	**CS25-4-#2**
VBC-1V-V3	—	**CS25-4-#2C**
VBC-1V-V5	—	**CS25-4-#2D**
VBC-1V-V8	—	**CS25-4-#2F**
VBC-1V-V21C	—	**CS25-4-#2G**
VBC-1T	—	**CS25-4-#2S**
VBC-1T-V3	—	**CS25-4-#2SC**
VBC-1T-V5	—	**CS25-4-#2SD**
VBC-1T-V8	—	**CS25-4-#2SF**
VBC-1T-V21	—	**CS25-4-#2SG**
VBC-1L	M-5359	**CS25-4-#4**
VBC-1L-V3	—	**CS25-4-#4C**
VBC-1L-V5	—	**CS25-4-#4D**
VBC-1L-V8	—	**CS25-4-#4F**
VBC-1L-V21	—	**CS25-4-#4G**
VBC-2C	M-2189	**CS25-4-1/0**
VBC-2C-V3	—	**CS25-4-1/0C**
VBC-2C-V5	—	**CS25-4-1/0D**
VBC-2C-V8	—	**CS25-4-1/0F**
VBC-2C-V20	—	**CS25-4-1/0G**
VBC-2G	M-2540	**CS25-4-2/0**
VBC-2G-V3	—	**CS25-4-2/0C**
VBC-2G-V5	—	**CS25-4-2/0D**
VBC-2G-V8	—	**CS25-4-2/0F**
VBC-2G-V20	—	**CS25-4-2/0G**
VBC-2V	M-8165	**CS25-4-250K**
VBC-2L	M-5362	**CS25-4-3/0**
VBC-2L-V3	—	**CS25-4-3/0C**
VBC-2L-V5	—	**CS25-4-3/0D**
VBC-2L-V8	—	**CS25-4-3/0F**
VBC-2L-V20	—	**CS25-4-3/0G**
VBC-3A	M-5363	**CS25-4-300K**
VBC-3D	M-9029	**CS25-4-350K**
VBC-2Q	M-8718	**CS25-4-4/0**
VBC-2Q-V3	—	**CS25-4-4/0C**
VBC-2Q-V5	—	**CS25-4-4/0D**
VBC-2Q-V8	—	**CS25-4-4/0F**
VBC-2Q-V20	—	**CS25-4-4/0G**
VBR-3Q	M-8512	**CS25-4-500K**
HTD-3Q	M-624	**CS2-5-500K**
VGC-1Y	M-6279	**CS27-4-#1**
VGC-1Y-V3	—	**CS27-4-#1C**
VGC-1Y-V5	—	**CS27-4-#1D**
VGC-1Y-V8	—	**CS27-4-#1F**
VGC-1Y-V21C	—	**CS27-4-#1G**
VGC-1V	M-5822	**CS27-4-#2**

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CADWELD Cat. No.	THERMOWELD Cat. No.	FURSEWELD Cat. No.
VGC-1V-V3	—	**CS27-4-#2C**
VGC-1V-V5	—	**CS27-4-#2D**
VGC-1V-V8	—	**CS27-4-#2F**
VGC-1V-V21C	—	**CS27-4-#2G**
VGC-1T	—	**CS27-4-#2S**
VGC-1T-V3	—	**CS27-4-#2SC**
VGC-1T-V5	—	**CS27-4-#2SD**
VGC-1T-V8	—	**CS27-4-#2SF**
VGC-1T-V21	—	**CS27-4-#2SG**
VGC-1H	M-5245	**CS27-4-#4**
VGC-1L	M-5816	**CS27-4-#4**
VGC-1L-V3	—	**CS27-4-#4C**
VGC-1L-V5	—	**CS27-4-#4D**
VGC-1L-V8	—	**CS27-4-#4F**
VGC-1L-V21	—	**CS27-4-#4G**
VGC-2C	M-1168	**CS27-4-1/0**
VGC-2C-V3	—	**CS27-4-1/0C**
VGC-2C-V5	—	**CS27-4-1/0D**
VGC-2C-V8	—	**CS27-4-1/0F**
VGC-2C-V20	—	**CS27-4-1/0G**
VGC-2G	M-9242	**CS27-4-2/0**
VGC-2G-V3	—	**CS27-4-2/0C**
VGC-2G-V5	—	**CS27-4-2/0D**
VGC-2G-V8	—	**CS27-4-2/0F**
VGC-2G-V20	—	**CS27-4-2/0G**
VGC-2V	M-2520	**CS27-4-250K**
VGC-2L	M-6195	**CS27-4-3/0**
VGC-2L-V3	—	**CS27-4-3/0C**
VGC-2L-V5	—	**CS27-4-3/0D**
VGC-2L-V8	—	**CS27-4-3/0F**
VGC-2L-V20	—	**CS27-4-3/0G**
VGC-2Q	M-2177	**CS27-4-4/0**
VGC-2Q-V3	—	**CS27-4-4/0C**
VGC-2Q-V5	—	**CS27-4-4/0D**
VGC-2Q-V8	—	**CS27-4-4/0F**
VGC-2Q-V20	—	**CS27-4-4/0G**
VNC-1Y	M-6060	**CS31-4-#1**
VGC-1Y-V3	—	**CS31-4-#1C**
VGC-1Y-V5	—	**CS31-4-#1D**
VGC-1Y-V8	—	**CS31-4-#1F**
VGC-1Y-V21C	—	**CS31-4-#1G**
VNC-1V	M-2569	**CS31-4-#2**
VGC-1V-V3	—	**CS31-4-#2C**
VGC-1V-V5	—	**CS31-4-#2D**
VGC-1V-V8	—	**CS31-4-#2F**
VGC-1V-V21C	—	**CS31-4-#2G**
VNC-1T	—	**CS31-4-#2S**
VGC-1T-V3	—	**CS31-4-#2SC**
VGC-1T-V5	—	**CS31-4-#2SD**
VGC-1T-V8	—	**CS31-4-#2SF**
VGC-1T-V21	—	**CS31-4-#2SG**

CADWELD Cat. No.	THERMOWELD Cat. No.	FURSEWELD Cat. No.
VNC-1L	M-2761	**CS31-4-#4**
VGC-1L-V3	—	**CS31-4-#4C**
VGC-1L-V5	—	**CS31-4-#4D**
VGC-1L-V8	—	**CS31-4-#4F**
VGC-1L-V21	—	**CS31-4-#4G**
VNC-1H	M-5910	**CS31-4-#6**
VNC-2C	M-5419	**CS31-4-1/0**
VGC-2C-V3	—	**CS31-4-1/0C**
VGC-2C-V5	—	**CS31-4-1/0D**
VGC-2C-V8	—	**CS31-4-1/0F**
VGC-2C-V20	—	**CS31-4-1/0G**
VNC-2G	M-2567	**CS31-4-2/0**
VGC-2G-V3	—	**CS31-4-2/0C**
VGC-2G-V5	—	**CS31-4-2/0D**
VGC-2G-V8	—	**CS31-4-2/0F**
VGC-2G-V20	—	**CS31-4-2/0G**
VNC-2V	M-2568	**CS31-4-250K**
VNC-2L	M-6072	**CS31-4-3/0**
VGC-2L-V3	—	**CS31-4-3/0C**
VGC-2L-V5	—	**CS31-4-3/0D**
VGC-2L-V8	—	**CS31-4-3/0F**
VGC-2L-V20	—	**CS31-4-3/0G**
VNC-3A	M-6061	**CS31-4-300K**
VNC-3D	M-6067	**CS31-4-350K**
VNC-2Q	M-9253	**CS31-4-4/0**
VGC-2Q-V3	—	**CS31-4-4/0C**
VGC-2Q-V5	—	**CS31-4-4/0D**
VGC-2Q-V8	—	**CS31-4-4/0F**
VGC-2Q-V20	—	**CS31-4-4/0G**
VNC-3Q	M-8359	**CS31-4-500K**
HAA-1Y-325C	M-6269	**CS32-2-#1D**
HAA-1Y-7C	M-6270	**CS32-2-#1F**
HAA-1Y-11C	M-6271	**CS32-2-#1G**
HAA-1V-162C	M-6016	**CS32-2-#2C**
HAA-1V-350C	M-2576	**CS32-2-#2D**
HAA-1V-7C	M-2514	**CS32-2-#2F**
HAA-1V-11C	M-2515	**CS32-2-#2G**
HAA-1T-162C	—	**CS32-2-#2SC**
HAA-1T-350C	—	**CS32-2-#2SD**
HAA-1T-7C	—	**CS32-2-#2SF**
HAA-1T-11C	—	**CS32-2-#2SG**
HAA-1L-162C	M-8014	**CS32-2-#4C**
HAA-1L-350C	M-8015	**CS32-2-#4D**
HAA-1L-7C	M-2516	**CS32-2-#4F**
HAA-1L-11C	M-2517	**CS32-2-#4G**
HAH-2C-350C	M-8504	**CS32-4-1/0D**
HAH-2C-8C	M-8505	**CS32-4-1/0F**
HAH-2C-20C	M-6272	**CS32-4-1/0G**
HAH-2G-350C	M-2776	**CS32-4-2/0D**
HAH-2G-8C	M-6273	**CS32-4-2/0F**
HAH-2G-20C	M-6274	**CS32-4-2/0G**

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CADWELD Cat. No.	THERMOWELD Cat. No.	FURSEWELD Cat. No.
HAH-2L-350C	M-6275	**CS32-4-3/0D**
HAH-2L-8C	M-6276	**CS32-4-3/0F**
HAH-2L-20C	M-6278	**CS32-4-3/0G**
HAH-2Q-350C	M-9236	**CS32-4-4/0D**
HAH-2Q-8C	M-9237	**CS32-4-4/0F**
HAH-2Q-20C	M-9238	**CS32-4-4/0G**
VSC-1Y	M-589	**CS3-4-#1**
VSC-1Y-V3C	M-2482	**CS3-4-#1C**
VSC-1Y-V5C	M-2483	**CS3-4-#1D**
VSC-1Y-V8C	M-2484	**CS3-4-#1F**
VSC-1Y-V21C	M-2485	**CS3-4-#1G**
VSC-1V	M-588	**CS3-4-#2**
VSC-1V-V3C	M-9233	**CS3-4-#2C**
VSC-1V-V5C	M-2480	**CS3-4-#2D**
VSC-1V-V8C	M-2583	**CS3-4-#2F**
VSC-1V-V21C	M-2481	**CS3-4-#2G**
VSC-1T	—	**CS3-4-#2S**
VSC-1T-V3C	—	**CS3-4-#2SC**
VSC-1T-V5C	—	**CS3-4-#2SD**
VSC-1T-V8C	—	**CS3-4-#2SF**
VSC-1T-V21C	—	**CS3-4-#2SG**
VSC-1L	M-586	**CS3-4-#4**
VSC-1L-V3C	M-2476	**CS3-4-#4C**
VSC-1L-V5C	M-2477	**CS3-4-#4D**
VSC-1L-V8C	M-2478	**CS3-4-#4F**
VSC-1L-V21C	M-2479	**CS3-4-#4G**
VSC-1H	M-585	**CS3-4-#6**
VSC-2C	M-590	**CS3-4-1/0**
VSC-2C-V3C	M-2486	**CS3-4-1/0C**
VSC-2C-V5C	M-2487	**CS3-4-1/0D**
VSC-2C-V8C	M-2488	**CS3-4-1/0F**
VSC-2C-V21C	M-2489	**CS3-4-1/0G**
HCA-1Y-350C	—	**CS34-2-#1D**
HCA-1Y-7C	—	**CS34-2-#1F**
HCA-1Y-11C	—	**CS34-2-#1G**
HCA-1V-162C	—	**CS34-2-#2C**
HCA-1V-350C	—	**CS34-2-#2D**
HCA-1V-7C	—	**CS34-2-#2F**
HCA-1V-11C	—	**CS34-2-#2G**
HCA-1T-162C	—	**CS34-2-#2SC**
HCA-1T-350C	—	**CS34-2-#2SD**
HCA-1T-7C	—	**CS34-2-#2SF**
HCA-1T-11C	—	**CS34-2-#2SG**
HCA-1L-162C	—	**CS34-2-#4C**
HCA-1L-350C	—	**CS34-2-#4D**
HCA-1L-7C	—	**CS34-2-#4F**
HCA-1L-11C	—	**CS34-2-#4G**
VSC-2G	M-591	**CS3-4-2/0**
VSC-2G-V3C	M-8833	**CS3-4-2/0C**
VSC-2G-V5C	M-2490	**CS3-4-2/0D**
VSC-2G-V8C	M-2491	**CS3-4-2/0F**

CADWELD Cat. No.	THERMOWELD Cat. No.	FURSEWELD Cat. No.
VSC-2G-V21C	M-2492	**CS3-4-2/0G**
VSC-2V	M-594	**CS3-4-250K**
VSC-2L	M-592	**CS3-4-3/0**
VSC-2L-V3C	M-2493	**CS3-4-3/0C**
VSC-2L-V5C	M-2494	**CS3-4-3/0D**
VSC-2L-V8C	M-2495	**CS3-4-3/0F**
VSC-2L-V21C	M-2496	**CS3-4-3/0G**
VSC-3A	M-595	**CS3-4-300K**
VSC-3D	M-596	**CS3-4-350K**
VSC-2Q	M-593	**CS3-4-4/0**
VSC-2Q-V3C	M-9021	**CS3-4-4/0C**
VSC-2Q-V5C	M-2497	**CS3-4-4/0D**
VSC-2Q-V8C	M-2498	**CS3-4-4/0F**
VSC-2Q-V21C	M-2499	**CS3-4-4/0G**
HTC-2C-350C	—	**CS34-4-1/0D**
HTC-2C-8C	—	**CS34-4-1/0F**
HTC-2C-20C	—	**CS34-4-1/0G**
HTC-2G-350C	—	**CS34-4-2/0D**
HTC-2G-8C	—	**CS34-4-2/0F**
HTC-2G-20C	—	**CS34-4-2/0G**
HTC-2L-350C	—	**CS34-4-3/0D**
HTC-2L-8C	—	**CS34-4-3/0F**
HTC-2L-20C	—	**CS34-4-3/0G**
HTC-2Q-350C	—	**CS34-4-4/0D**
HTC-2Q-8C	—	**CS34-4-4/0F**
HTC-2Q-20C	—	**CS34-4-4/0G**
VSC-3Q	M-598	**CS3-4-500K**
VSD-4Y	M-600	**CS3-5-1000K**
VSD-4L	M-599	**CS3-5-750K**
VVC-1Y	M-1219	**CS4-4-#1**
VVC-1Y-V3	—	**CS4-4-#1C**
VVC-1Y-V5	—	**CS4-4-#1D**
VVC-1Y-V8	—	**CS4-4-#1F**
VVC-1Y-V21	—	**CS4-4-#1G**
VVC-1V	M-1218	**CS4-4-#2**
VVC-1V-V3	—	**CS4-4-#2C**
VVC-1V-V5	—	**CS4-4-#2D**
VVC-1V-V8	—	**CS4-4-#2F**
VVC-1V-V21	—	**CS4-4-#2G**
VVC-1T	—	**CS4-4-#2S**
VVC-1T-V3	—	**CS4-4-#2SC**
VVC-1T-V5	—	**CS4-4-#2SD**
VVC-1T-V8	—	**CS4-4-#2SF**
VVC-1T-V21	—	**CS4-4-#2SG**
VVC-1L	M-1216	**CS4-4-#4**
VVC-1L-V3	—	**CS4-4-#4C**
VVC-1L-V5	—	**CS4-4-#4D**
VVC-1L-V8	—	**CS4-4-#4F**
VVC-1L-V21	—	**CS4-4-#4G**
VVC-1H	M-1215	**CS4-4-#6**
VVR-2C	M-1220	**CS4-5-1/0**

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CADWELD Cat. No.	THERMOWELD Cat. No.	FURSEWELD Cat. No.
VVR-2C-V3	—	**CS4-5-1/0C**
VVR-2C-V5	—	**CS4-5-1/0D**
VVR-2C-V8	—	**CS4-5-1/0F**
VVR-2C-V20	—	**CS4-5-1/0G**
VVR-2G	M-1221	**CS4-5-2/0**
VVR-2G-V3	—	**CS4-5-2/0C**
VVR-2G-V5	—	**CS4-5-2/0D**
VVR-2G-V8	—	**CS4-5-2/0F**
VVR-2G-V20	—	**CS4-5-2/0G**
VVR-2V	M-1224	**CS4-5-250K**
VVR-2L	M-1222	**CS4-5-3/0**
VVR-2L-V3	—	**CS4-5-3/0C**
VVR-2L-V5	—	**CS4-5-3/0D**
VVR-2L-V8	—	**CS4-5-3/0F**
VVR-2L-V20	—	**CS4-5-3/0G**
VVR-2Q	M-1223	**CS4-5-4/0**
VVR-2Q-V3	—	**CS4-5-4/0C**
VVR-2Q-V5	—	**CS4-5-4/0D**
VVR-2QV8	—	**CS4-5-4/0F**
VVR-2Q-V20	—	**CS4-5-4/0G**
VFC-1Y	M-1639	**CS7-4-#1**
VFC-1Y-V3	—	**CS7-4-#1C**
VFC-1Y-V5	—	**CS7-4-#1D**
VFC-1Y-V8	—	**CS7-4-#1F**
VFC-1Y-V21	—	**CS7-4-#1G**
VFC-1V	M-1638	**CS7-4-#2**
VFC-1V-V3	—	**CS7-4-#2C**
VFC-1V-V5	—	**CS7-4-#2D**
VFC-1V-V8	—	**CS7-4-#2F**
VFC-1V-V21	—	**CS7-4-#2G**
VFC-1T	—	**CS7-4-#2S**
VFC-1T-V3	—	**CS7-4-#2SC**
VFC-1T-V5	—	**CS7-4-#2SD**
VFC-1T-V8	—	**CS7-4-#2SF**
VFC-1T-V21	—	**CS7-4-#2SG**
VFC-1L	M-1636	**CS7-4-#4**
VFC-1L-V3	—	**CS7-4-#4C**
VFC-1L-V5	—	**CS7-4-#4D**
VFC-1L-V8	—	**CS7-4-#4F**
VFC-1L-V21	—	**CS7-4-#4G**
VFC-2C	M-1640	**CS7-4-1/0**
VFC-2C-V3	—	**CS7-4-1/0C**
VFC-2C-V5	—	**CS7-4-1/0D**
VFC-2C-V8	—	**CS7-4-1/0F**
VFC-2C-V20	—	**CS7-4-1/0G**
VFC-2G	M-1641	**CS7-4-2/0**
VFC-2G-V3	—	**CS7-4-2/0C**
VFC-2G-V5	—	**CS7-4-2/0D**
VFC-2G-V8	—	**CS7-4-2/0F**
VFC-2G-V20	—	**CS7-4-2/0G**
VFR-2V	M-1644	**CS7-5-250K**

CADWELD Cat. No.	THERMOWELD Cat. No.	FURSEWELD Cat. No.
VFR-2L	M-1642	**CS7-5-3/0**
VFR-2L-V3	—	**CS7-5-3/0C**
VFR-2L-V5	—	**CS7-5-3/0D**
VFR-2L-V8	—	**CS7-5-3/0F**
VFR-2L-V20	—	**CS7-5-3/0G**
VFR-3A	M-1645	**CS7-5-300K**
VFR-2Q	M-1643	**CS7-5-4/0**
VFR-2Q-V3	—	**CS7-5-4/0C**
VFR-2Q-V5	—	**CS7-5-4/0D**
VFR-2Q-V8	—	**CS7-5-4/0F**
VFR-2Q-V20	—	**CS7-5-4/0G**
VFF-3D	M-1646	**CS7-6-350K**
VFF-3Q	M-1648	**CS7-6-500K**
HAA-1Y	M-631	**CS8-2-#1**
HAA-1V	M-630	**CS8-2-#2**
HAA-1T	—	**CS8-2-#2S**
HAA-1L	M-629	**CS8-2-#4**
HAA-1H	M-628	**CS8-2-#6**
HCA-1Y	M-605	**CS9-2-#1**
HCA-1V	M-604	**CS9-2-#2**
HCA-1T	—	**CS9-2-#2S**
HCA-1L	M-603	**CS9-2-#4**
HCA-1H	M-602	**CS9-2-#6**
15	15	**15RTB**
25	25	**25RTB**
32	32	**32RTB**
45	45	**45RTB**
65	65	**65RTB**
90	90	**90RTB**
115	115	**115RTB**
150	150	**150RTB**
200	200	**200RTB**
250	250	**250RTB**
L160	40-0106-00	**HCPK4**
L159	40-0107-00	**HCPK5**
T314	38-0135-00	**WWB1**
T314A	38-0135-01	**WRB1**
T313	38-0306-00	**BFC**
T320	38-0309-00	**FGUN**
T394	38-3922-00	**BCM**
B136A/B	40-0319-01/3/5/6	**STM1**
T403	38-4129-00	**MSC**
B144A/B/C/E	38-4061/2/3/4-00	**PACK-A**

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GROUND ROD SIZE	CONDUCTOR SIZE SOLID	STRANDED	CADWELD Cat. No. TYPE GR(CR1)	THERMOWELD Cat. No. TYPE CR-1	FURSEWELD Cat. No. TYPE CR1
1/2”	6,8	8	GR1-141G	—	—
	3,4	4,6	GR1-141L	—	—
	1,2	2,3	GR1-141V	—	—
5/8”	6,8	8	GR1-161G	M-2012	**SCR1-58-6808**
	3,4	4,6	GR1-161L	M-2013	**SCR1-58-3446**
	1,2	2,3	GR1-161V	M-2014	**SCR1-58-1223**
	2/0,1/0	1/0,1	GR1-162C	M-2015	**SCR1-58-2010**
		2/0	GR1-162G	M-2016	**SCR1-58-0020**
3/4”	6,8	8	GR1-181G	M-2017	**SCR1-34-6808**
	3,4	4,6	GR1-181L	M-2018	**SCR1-34-3446**
	1,2	2,3	GR1-181V	M-2019	**SCR1-34-1223**
	2/0,1/0	1/0,1	GR1-182C	M-2020	**SCR1-34-2010**
		2/0	GR1-182G	M-2021	**SCR1-34-0020**
		4/0	GR1-182Q	—	**SCR1-34-0040**
SIZE	SOLID	STRANDED	TYPE GT(CR2)	TYPE CR-2	TYPE CR2
1/2”	6,8	8	GT1-141G	—	—
	3,4	4,6	GT1-141L	—	—
	1,2	2,3	GT1-141V	—	—
5/8”	6,8	8	GT1-161G	M-2027	**SCR2-58-6808**
	3,4	4,6	GT1-161L	M-2028	**SCR2-58-3446**
	1,2	2,3	GT1-161V	M-2029	**SCR2-58-1223**
	2/0,1/0	1/0,1	GT1-162C	M-2030	**SCR2-58-2010**
		2/0		—	**SCR2-58-0020***
3/4”	6,8	8	GT1-181G	M-2031	**SCR2-34-6808**
	3,4	4,6	GT1-181L	M-2032	**SCR2-34-3446**
	1,2	2,3	GT1-181V	M-2033	**SCR2-34-1223**
	2/0,1/0	1/0,1	GT1-182C	M-2034	**SCR2-34-2010**
		2/0		—	**SCR2-34-0020***
		4/0		—	**SCR2-34-0040***
SIZE	SOLID	STRANDED	TYPE NT(CR17)		TYPE CR17
1/2”	6,8	8	NT1-141G	—	—
	3,4	4,6	NT1-141L	—	—
	1,2	2,3		—	—
5/8”	6,8	8	NT1-161G	—	**SCR17-58-6808**
	3,4	4,6	NT1-161L	—	**SCR17-58-3446**
	1,2	2,3	NT1-161V	—	**SCR17-58-1223**
	2/0,1/0	1/0,1		—	**SCR17-58-2010***
		2/0		—	**SCR17-58-0020***
3/4”	6.8	8	NT1-181G	—	**SCR17-34-6808**
	3,4	4,6	NT1-181L	—	**SCR17-34-3446**
	1,2	2,3	NT1-181V	—	**SCR17-34-1223**
	2/0,1/0	1/0,1		—	**SCR17-34-2010***
		2/0		—	**SCR17-34-0020***
		4/0		—	**SCR17-34-0040***
SIZE	SOLID	STRANDED	TYPE NX(CR24)		TYPE CR24
1/2”	6,8	8	NX1-141G	—	—
	3,4	4,6	NX1-141L	—	—
	1,2	2,3		—	—
5/8”	6,8	8	NX1-161G	—	**SCR24-58-6808**
	3,4	4,6	NX1-161L	—	**SCR24-58-3446**
	1,2	2,3	NX1-161V	—	**SCR24-58-1223**
	2/0,1/0	1/0,1		—	**SCR24-58-2010***
		2/0		—	**SCR24-58-0020***
3/4”	6,8	8	NX1-181G	—	**SCR24-34-6808**

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GROUND ROD SIZE	CONDUCTOR SIZE SOLID	STRANDED	CADWELD Cat. No. TYPE GR(CR1)	THERMOWELD Cat. No. TYPE CR-1	FURSEWELD Cat. No. TYPE CR1
3/4”	3,4	4,6	NX1-181L	—	**SCR24-34-3446**
	1,2	2,3	NX1-181V	—	**SCR24-34-1223**
	2/0,1/0	1/0,1	—	—	**SCR24-34-2010***
5/8”		2/0	—	—	**SCR24-34-0020***
		4/0	—	—	**SCR24-34-0040***
SIZE	SOLID	STRANDED		TYPE CR-25	TYPE CR25
	6,8	8	—	M-2006	**SCR25-58-6808**
	3,4	4,6	—	M-2007	**SCR25-58-3446**
	1,2	2,3	—	M-2008	**SCR25-58-1223**
3/4”	2/0,1/0	1/0,1	—	M-2023	**SCR25-58-12010**
	6,8	8	—	M-2068	**SCR25-34-6808**
	3,4	4,6	—	M-2069	**SCR25-34-3446**

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Additional Tables

Conductor Properties

Size (AWG or kcmil)	Conductors: Area mm2	Conductors: Area Circular mils	Conductors: Stranding Quantity	Conductors: Stranding Diameter mm	Conductors: Stranding Diameter in.	Conductors: Overall Diameter mm	Conductors: Overall Diameter in.	Conductors: Overall Area mm2	Conductors: Overall Area in.2	Direct-Current Resistance at 75°C (167°F): Copper Uncoated ohm/km	Copper Uncoated ohm/kFT	Copper Coated ohm/km	Copper Coated ohm/kFT	Aluminum ohm/km	Aluminum ohm/kFT
18	0.823	1620	1	—	—	1.02	0.040	0.823	0.001	25.5	7.77	26.5	8.08	42.0	12.8
18	0.823	1620	7	0.39	0.015	1.16	0.046	1.06	0.002	26.1	7.95	27.7	8.45	42.8	13.1
16	1.31	2580	1	—	—	1.29	0.051	1.31	0.002	16.0	4.89	16.7	5.08	26.4	8.05
16	1.31	2580	7	0.49	0.019	1.46	0.058	1.68	0.003	16.4	4.99	17.3	5.29	26.9	8.21
14	2.08	4110	1	—	—	1.63	0.064	2.08	0.003	10.1	3.07	10.4	3.19	16.6	5.06
14	2.08	4110	7	0.62	0.024	1.85	0.073	2.68	0.004	10.3	3.14	10.7	3.26	16.9	5.17
12	3.31	6530	1	—	—	2.05	0.081	3.31	0.005	6.34	1.93	6.57	2.01	10.45	3.18
12	3.31	6530	7	0.78	0.030	2.32	0.092	4.25	0.006	6.50	1.98	6.73	2.05	10.69	3.25
10	5.261	10380	1	—	—	2.588	0.102	5.26	0.008	3.984	1.21	4.148	1.26	6.561	2.00
10	5.261	10380	7	0.98	0.038	2.95	0.116	6.76	0.011	4.070	1.24	4.226	1.29	6.679	2.04
8	8.367	16510	1	—	—	3.264	0.128	8.37	0.013	2.506	0.764	2.579	0.786	4.125	1.26
8	8.367	16510	7	1.23	0.049	3.71	0.146	10.76	0.017	2.551	0.778	2.653	0.809	4.204	1.28
6	13.30	26240	7	1.56	0.061	4.67	0.184	17.09	0.027	1.608	0.491	1.671	0.510	2.652	0.808
4	21.15	41740	7	1.96	0.077	5.89	0.232	27.19	0.042	1.010	0.308	1.053	0.321	1.666	0.508
3	26.67	52620	7	2.20	0.087	6.60	0.260	34.28	0.053	0.802	0.245	0.833	0.254	1.320	0.403
2	33.62	66360	7	2.47	0.097	7.42	0.292	43.23	0.067	0.634	0.194	0.661	0.201	1.045	0.319
1	42.41	83690	19	1.69	0.066	8.43	0.332	55.80	0.087	0.505	0.154	0.524	0.160	0.829	0.253
1/0	53.49	105600	19	1.89	0.074	9.45	0.372	70.41	0.109	0.399	0.122	0.415	0.127	0.660	0.201
2/0	67.43	133100	19	2.13	0.084	10.62	0.418	88.74	0.137	0.3170	0.0967	0.329	0.101	0.523	0.159
3/0	85.01	167800	19	2.39	0.094	11.94	0.470	111.9	0.173	0.2512	0.0766	0.2610	0.0797	0.413	0.126
4/0	107.2	211600	19	2.68	0.106	13.41	0.528	141.1	0.219	0.1996	0.0608	0.2050	0.0626	0.328	0.100
250		—	37	2.09	0.082	14.61	0.575	168	0.260	0.1687	0.0515	0.1753	0.0535	0.2778	0.0847
300		—	37	2.29	0.090	16.00	0.630	201	0.312	0.1409	0.0429	0.1463	0.0446	0.2318	0.0707
350		—	37	2.47	0.097	17.30	0.681	235	0.364	0.1205	0.0367	0.1252	0.0382	0.1984	0.0605
400		—	37	2.64	0.104	18.49	0.728	268	0.416	0.1053	0.0321	0.1084	0.0331	0.1737	0.0529
500		—	37	2.95	0.116	20.65	0.813	336	0.519	0.0845	0.0258	0.0869	0.0265	0.1391	0.0424
600		—	61	2.52	0.099	22.68	0.893	404	0.626	0.0704	0.0214	0.0732	0.0223	0.1159	0.0353
700		—	61	2.72	0.107	24.49	0.964	471	0.730	0.0603	0.0184	0.0622	0.0189	0.0994	0.0303
750		—	61	2.82	0.111	25.35	0.998	505	0.782	0.0563	0.0171	0.0579	0.0176	0.0927	0.0282
800		—	61	2.91	0.114	26.16	1.030	538	0.834	0.0528	0.0161	0.0544	0.0166	0.0868	0.0265
900		—	61	3.09	0.122	27.79	1.094	606	0.940	0.0470	0.0143	0.0481	0.0147	0.0770	0.0235
1000		—	61	3.25	0.128	29.26	1.152	673	1.042	0.0423	0.0129	0.0434	0.0132	0.0695	0.0212

FPN: The construction information is per NEMA WC8-1992 or ANSI/UL 1581-1998. The resistance is calculated per National Bureau of Standards Handbook 100, dated 1966, and Handbook 109, dated 1972.
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Additional Tables

Metric Conductors

Wire Size MM	Wire Size AWG	Circ Mils	# of Strands	Strand Diameter	Diameter MM	Diameter Inch	Color Code	Die Code
10	8	19,730	1	3.57	3.57	0.140	Red	21
10	8	19,730	7	1.35	4.05	0.159	Red	21
16	6	31,558	1	4.50	4.50	0.177	Blue	24
16	6	31,558	7	1.70	5.10	0.200	Blue	24
25	2	49,325	7	2.14	6.42	0.253	Gray	29
25	2	49,325	19	1.35	6.75	0.266	Brown	33
35	1	69,055	19	1.53	7.65	0.300	Green	37
50	1/0	98,650	19	1.78	8.90	0.350	Pink	42
70	2/0	138,110	19	2.14	10.70	0.421	Black	45
95	3/0	187,500	19	2.52	12.60	0.496	Orange	50
95	3/0	187,500	37	1.78	12.46	0.490	Orange	50
120	250	236,760	37	2.03	14.21	0.560	Purple	54
150	300	295,950	37	2.25	15.75	0.620	White	66
185		365,000	61	2.52	17.64	0.695	Red	71
240	500	473,500	61	2.25	20.25	0.797	Brown	87
300		591,900	61	2.52	22.68	0.893	Green	94
400		789,200	61	2.85	25.65	1.000	Black	106
400		789,200	91	2.36	25.96	1.022	Black	106
500		986,500	61	3.20	28.80	1.134		125
500		986,500	91	2.65	29.15	1.148		
630		1,243,000	127	2.52	32.76	1.290		
800		1,578,400	127	2.85	37.05	1.459		
1000		1,973,000	127	3.20	41.60	1.638		

Table B.310.1 Ampacities of Two or Three Insulated Conductors, Rated 0 Through 2000 Volts, Within an Overall Covering (Multiconductor Cable), in Raceway in Free Air Based on Ambient Air Temperature of 30°C (86°F)

Temperature Rating of Conductor. (See Table 310.13.)

Size (AWG or kcmil)	60°C (140°F) Types TW, UF	75°C (167°F) Types RHW, THHW, THW, THWN, XHHW, ZW	90°C (194°F) Types THHN, THHW, THW-2, THWN-2, RHH, RWH-2, USE-2, XHHN, XHHW-2, ZW-2	60°C (140°F) TypeTW	75°C (167°F) Types RHW, THHW, THW, THWN, XHHW	90°C (194°F) Types THHN, THHW, THW-2, THWN-2, RHH, RWH-2, USE-2, XHHW, XHHW-2, ZW-2	Size (AWG or kcmil)
		COPPER		ALUMINUM OR COPPER-CLAD ALUMINUM			
14	16*	18*	21*				14
12	20*	24*	27*	16*	18*	21*	12
10	27*	33*	36*	21*	25*	28*	10
8	36	43	48	28	33	37	8
6	48	58	65	38	45	51	6
4	66	79	89	51	61	69	4
3	76	90	102	59	70	79	3
2	88	105	119	69	83	93	2
1	102	121	137	80	95	106	1
1/0	121	145	163	94	113	127	1/0
2/0	138	166	186	108	129	146	2/0
3/0	158	189	214	124	147	167	3/0
4/0	187	223	253	147	176	197	4/0
250	205	245	276	160	192	217	250
300	234	281	317	185	221	250	300
350	255	305	345	202	242	273	350
400	274	328	371	218	261	295	400
500	315	378	427	254	303	342	500
600	343	413	468	279	335	378	600
700	376	452	514	310	371	420	700
750	387	466	529	321	384	435	750
800	397	479	543	331	397	450	800
900	415	500	570	350	421	477	900
1000	448	542	617	382	460	521	1000

Correction Factors

Ambient Temp. (°C)	For ambient temperatures other than 30°C (86°F), multiply the ampacities shown above by the appropriate factor shown below.						Ambient Temp. (°F)
21–25	1.08	1.05	1.04	1.08	1.05	1.04	70–77
26–30	1.00	1.00	1.00	1.00	1.00	1.00	79–86
31–35	0.91	0.94	0.96	0.91	0.94	0.96	88–95
36–40	0.82	0.88	0.91	0.82	0.88	0.91	97–104
41–45	0.71	0.82	0.87	0.71	0.82	0.87	106–113
46–50	0.58	0.75	0.82	0.58	0.75	0.82	115–122
51–55	0.41	0.67	0.76	0.41	0.67	0.76	124–131
56–60	—	0.58	0.71	—	0.58	0.71	133–140
61–70	—	0.33	0.58	—	0.33	0.58	142–158
71–80	—	—	0.41	—	—	0.41	160–176

*Unless otherwise specifically permitted elsewhere in this Code, the overcurrent protection for these conductor types shall not exceed 15 amperes for 14 AWG, 20 amperes for 12 AWG, and 30 amperes for 10 AWG copper; or 15 amperes for 12 AWG and 25 amperes for 10 AWG aluminum and copper-clad aluminum.

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Additional Tables

Table C1 Maximum Number of Conductors or Fixture Wires in Electrical Metallic Tubing (EMT) (Based on Table 1, Chapter 9)

CONDUCTORS

Type	Conductor Size (AWG/kcmil)	Metric Designator (Trade Size) 16 (½)	21 (¾)	27 (1)	35 (1¼)	41 (1½)	53 (2)	63 (2½)	78 (3)	91 (3½)	103 (4)
RHH, RHW, RHW-2	14	4	7	11	20	27	46	80	120	157	201
	12	3	6	9	17	23	38	66	100	131	167
	10	2	5	8	13	18	30	53	81	105	135
	8	1	2	4	7	9	16	28	42	55	70
	6	1	1	3	5	8	13	22	34	44	56
	4	1	1	2	4	6	10	17	26	34	44
	3	1	1	1	4	5	9	15	23	30	38
	2	1	1	1	3	4	7	13	20	26	33
	1	0	1	1	1	3	5	9	13	17	22
	1/0	0	1	1	1	2	4	7	11	15	19
	2/0	0	1	1	1	2	4	6	10	13	17
	3/0	0	0	1	1	1	3	5	8	11	14
	4/0	0	0	1	1	1	3	5	7	9	12
	250	0	0	0	1	1	1	3	5	7	9
	300	0	0	0	1	1	1	3	5	6	8
	350	0	0	0	1	1	1	3	4	6	7
	400	0	0	0	1	1	1	2	4	5	7
	500	0	0	0	0	1	1	2	3	4	6
	600	0	0	0	0	1	1	1	3	4	5
	700	0	0	0	0	0	1	1	2	3	4
	750	0	0	0	0	0	1	1	2	3	4
	800	0	0	0	0	0	1	1	2	3	4
	900	0	0	0	0	0	1	1	1	3	3
	1000	0	0	0	0	0	1	1	1	2	3
TW, THHW, THW, THW-2	14	8	15	25	43	58	96	168	254	332	424
	12	6	11	19	33	45	74	129	195	255	326
	10	5	8	14	24	33	55	96	145	190	243
	8	2	5	8	13	18	30	53	81	105	135
RHH*, RHW*, RHW-2*	14	6	10	6	28	39	64	112	169	221	282
	12	4	8	13	23	31	51	90	136	177	227
	10	3	6	10	18	24	40	70	106	138	177
	8	1	4	6	10	14	24	42	63	83	106

CONDUCTORS

Type	Conductor Size (AWG/kcmil)	Metric Designator (Trade Size) 16 (½)	21 (¾)	27 (1)	35 (1¼)	41 (1½)	53 (2)	63 (2½)	78 (3)	91 (3½)	103 (4)
RHH*, RHW*, RHW-2*, TW, THW, THHW, THW-2	6	1	3	4	8	11	18	32	48	63	81
	4	1	1	3	6	8	13	24	36	47	60
	3	1	1	3	5	7	12	20	31	40	52
	2	1	1	2	4	6	10	17	26	34	44
	1	1	1	1	3	4	7	12	18	24	31
	1/0	0	1	1	2	3	6	10	16	20	26
	2/0	0	1	1	1	3	5	9	13	17	22
	3/0	0	1	1	1	2	4	7	11	15	19
	4/0	0	0	1	1	1	3	6	9	12	16
	250	0	0	1	1	1	3	5	7	10	13
	300	0	0	1	1	1	2	4	6	8	11
	350	0	0	0	1	1	1	4	6	7	10
	400	0	0	0	1	1	1	3	5	7	9
	500	0	0	0	1	1	1	3	4	6	7
	600	0	0	0	1	1	1	2	3	4	6
	700	0	0	0	0	1	1	1	3	4	5
	750	0	0	0	0	1	1	1	3	4	5
	800	0	0	0	0	1	1	1	3	3	5
	900	0	0	0	0	0	1	1	2	3	4
	1000	0	0	0	0	0	1	1	2	3	4
THHN, THWN, THWN-2	14	12	22	35	61	84	138	241	364	476	608
	12	9	16	26	45	61	101	176	266	347	443
	10	5	10	16	28	38	63	111	167	219	279
	8	3	6	9	16	22	36	64	96	126	161
	6	2	4	7	12	16	26	46	69	91	116
	4	1	2	4	7	10	16	28	43	56	71
	3	1	1	3	6	8	13	24	36	47	60
	2	1	1	3	5	7	11	20	30	40	51
	1	1	1	1	4	5	8	15	22	29	37
	1/0	1	1	1	3	4	7	12	19	25	32
	2/0	0	1	1	2	3	6	10	16	20	26
	3/0	0	1	1	1	3	5	8	13	17	22
	4/0	0	1	1	1	2	4	7	11	14	18
	250	0	0	1	1	1	3	6	9	11	15
	300	0	0	1	1	1	3	5	7	10	13
	350	0	0	1	1	1	2	4	6	9	11
	400	0	0	0	1	1	1	4	6	8	10
	500	0	0	0	1	1	1	3	5	6	8
	600	0	0	0	1	1	1	2	4	5	7
	700	0	0	0	1	1	1	2	3	4	6
	750	0	0	0	0	1	1	1	3	4	5
	800	0	0	0	0	1	1	1	3	4	5
	900	0	0	0	0	1	1	1	3	3	4
	1000	0	0	0	0	1	1	1	2	3	4

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Additional Tables

Table C4 Maximum Number of Conductors or Fixture Wires in Intermediate Metal Conduit (IMC) (Based on Table 1, Chapter 9)

CONDUCTORS

Type	Conductor Size (AWG/kcmil)	Metric Designator (Trade Size) 16 (½)	21 (¾)	27 (1)	35 (1¼)	41 (1½)	53 (2)	63 (2½)	78 (3)	91 (3½)	103 (4)
RHH, RHW, RHW-2	14	4	8	13	22	30	49	70	108	144	186
	12	4	6	11	18	25	41	58	89	120	154
RHH, RHW, RHW-2	10	3	5	8	15	20	33	47	72	97	124
	8	1	3	4	8	10	17	24	38	50	65
	6	1	1	3	6	8	14	19	30	40	52
	4	1	1	3	5	6	11	15	23	31	41
	3	1	1	2	4	6	9	13	21	28	36
	2	1	1	1	3	5	8	11	18	24	31
	1	0	1	1	2	3	5	7	12	16	20
	1/0	0	1	1	1	3	4	6	10	14	18
	2/0	0	1	1	1	2	4	6	9	12	15
	3/0	0	0	1	1	1	3	5	7	10	13
	4/0	0	0	1	1	1	3	4	6	9	11
	250	0	0	1	1	1	1	3	5	6	8
	300	0	0	0	1	1	1	3	4	6	7
	350	0	0	0	1	1	1	2	4	5	7
	400	0	0	0	1	1	1	2	3	5	6
	500	0	0	0	1	1	1	1	3	4	5
	600	0	0	0	0	1	1	1	2	3	4
	700	0	0	0	0	1	1	1	2	3	4
	750	0	0	0	0	1	1	1	1	3	4
	800	0	0	0	0	0	1	1	1	3	3
	900	0	0	0	0	0	1	1	1	2	3
	1000	0	0	0	0	0	1	1	1	2	3
	1250	0	0	0	0	0	1	1	1	1	2
	1500	0	0	0	0	0	0	1	1	1	1
	1750	0	0	0	0	0	0	1	1	1	1
	2000	0	0	0	0	0	0	1	1	1	1
TW, THHW, THW, THW-2	14	10	17	27	47	64	104	147	228	304	392
	12	7	13	21	36	49	80	113	175	234	301
	10	5	9	15	27	36	59	84	130	174	224
	8	3	5	8	15	20	33	47	72	97	124
RHH*, RHW*, RHW-2	14	6	11	18	31	42	69	98	151	202	261
RHH*, RHW*, RHW-2*	12	5	9	14	25	34	56	79	122	163	209
	10	4	7	11	19	26	43	61	95	127	163
RHH*, RHW*, RHW-2*	8	2	4	7	12	16	26	37	57	76	98
RHH*, RHW*, RHW-2*,	6	1	3	5	9	12	20	28	43	58	75
	4	1	2	4	6	9	15	21	32	43	56

CONDUCTORS

Type	Conductor Size (AWG/kcmil)	Metric Designator (Trade Size) 16 (½)	21 (¾)	27 (1)	35 (1¼)	41 (1½)	53 (2)	63 (2½)	78 (3)	91 (3½)	103 (4)
TW, THW, THHW, THW-2	3	1	1	3	6	8	13	18	28	37	48
	2	1	1	3	5	6	11	15	23	31	41
	1	1	1	1	3	4	7	11	16	22	28
	1/0	1	1	1	3	4	6	9	14	19	24
	2/0	0	1	1	2	3	5	8	12	16	20
	3/0	0	1	1	1	3	4	6	10	13	17
	4/0	0	1	1	1	2	4	5	8	11	14
	250	0	0	1	1	1	3	4	7	9	12
	300	0	0	1	1	1	2	4	6	8	10
	350	0	0	1	1	1	2	3	5	7	9
	400	0	0	0	1	1	1	3	4	6	8
	500	0	0	0	1	1	1	2	4	5	7
	600	0	0	0	1	1	1	1	3	4	5
	700	0	0	0	0	1	1	1	3	4	5
	750	0	0	0	0	1	1	1	2	3	4
	800	0	0	0	0	1	1	1	2	3	4
	900	0	0	0	0	1	1	1	2	3	4
	1000	0	0	0	0	0	1	1	1	3	3
THHN, THWN, THWN-2	14	14	24	39	68	91	149	211	326	436	562
	12	10	17	29	49	67	109	154	238	318	410
	10	6	11	18	31	42	68	97	150	200	258
	8	3	6	10	18	24	39	56	86	115	149
	6	2	4	7	13	17	28	40	62	83	107
	4	1	3	4	8	10	17	25	38	51	66
	3	1	2	4	6	9	15	21	32	43	56
	2	1	1	3	5	7	12	17	27	36	47
	1	1	1	2	4	5	9	13	20	27	35
	1/0	1	1	1	3	4	8	11	17	23	29
	2/0	1	1	1	3	4	6	9	14	19	24
	3/0	0	1	1	2	3	5	7	12	16	20
	4/0	0	1	1	1	2	4	6	9	13	17
	250	0	0	1	1	1	3	5	8	10	13
	300	0	0	1	1	1	3	4	7	9	12
	350	0	0	1	1	1	2	4	6	8	10
	400	0	0	1	1	1	2	3	5	7	9
	500	0	0	0	1	1	1	3	4	6	7
	600	0	0	0	1	1	1	2	3	5	6
	700	0	0	0	1	1	1	1	3	4	5
	750	0	0	0	1	1	1	1	3	4	5
	800	0	0	0	0	1	1	1	3	4	5
	900	0	0	0	0	1	1	1	2	3	4
	1000	0	0	0	0	1	1	1	2	3	4

Note: This table is for concentric stranded conductors only. For compact stranded conductors, Table C4(A) should be used.
*Types RHH, RHW, and RHW-2 without outer covering.

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Additional Tables

Table C8 Maximum Number of Conductors or Fixture Wires in Rigid Metal Conduit (RMC) (Based on Table 1, Chapter 9)

CONDUCTORS

Type	Conductor Size (AWG/kcmil)	Metric Designator (Trade Size) 16 (½)	21 (¾)	27 (1)	35 (1¼)	41 (1½)	53 (2)	63 (2½)	78 (3)	91 (3½)	103 (4)	129 (5)	155 (6)
RHH, RHW, RHW-2	14	4	7	12	21	28	46	66	102	136	176	276	398
	12	3	6	10	17	23	38	55	85	113	146	229	330
	10	3	5	8	14	19	31	44	68	91	118	185	267
	8	1	2	4	7	10	16	23	36	48	61	97	139
	6	1	1	3	6	8	13	18	29	38	49	77	112
	4	1	1	2	4	6	10	14	22	30	38	60	87
	3	1	1	2	4	5	9	12	19	26	34	53	76
	2	1	1	1	3	4	7	11	17	23	29	46	66
	1	0	1	1	1	3	5	7	11	15	19	30	44
	1/0	0	1	1	1	2	4	6	10	13	17	26	38
	2/0	0	1	1	1	2	4	5	8	11	14	23	33
	3/0	0	0	1	1	1	3	4	7	10	12	20	28
	4/0	0	0	1	1	1	3	4	6	8	11	17	24
	250	0	0	0	1	1	1	3	4	6	8	13	18
	300	0	0	0	1	1	1	2	4	5	7	11	16
	350	0	0	0	1	1	1	2	4	5	6	10	15
	400	0	0	0	1	1	1	1	3	4	6	9	13
	500	0	0	0	1	1	1	1	3	4	5	8	11
	600	0	0	0	0	1	1	1	2	3	4	6	9
	700	0	0	0	0	1	1	1	1	3	4	6	8
	750	0	0	0	0	0	1	1	1	3	3	5	8
	800	0	0	0	0	0	1	1	1	2	3	5	7
	900	0	0	0	0	0	1	1	1	2	3	5	7
	1000	0	0	0	0	0	1	1	1	1	3	4	6
TW, THHW, THW, THW-2	14	9	15	25	44	59	98	140	216	288	370	581	839
	12	7	12	19	33	45	75	107	165	221	284	446	644
	10	5	9	14	25	34	56	80	123	164	212	332	480
	8	3	5	8	14	19	31	44	68	91	118	185	267
RHH*, RHW*, RHW-2*	14	6	10	17	29	39	65	93	143	191	246	387	558
RHH*, RHW*, RHW-2*	12	5	8	13	23	32	52	75	115	154	198	311	448
	10	3	6	10	18	25	41	58	90	120	154	242	350
RHH*, RHW*, RHW-2*	8	1	4	6	11	15	24	35	54	72	92	145	209

CONDUCTORS

Type	Conductor Size (AWG/kcmil)	Metric Designator (Trade Size) 16 (½)	21 (¾)	27 (1)	35 (1¼)	41 (1½)	53 (2)	63 (2½)	78 (3)	91 (3½)	103 (4)	129 (5)	155 (6)
RHH*,	6	1	3	5	8	11	18	27	41	55	71	111	160
RHW*, RHW-2*, TW, THW,	4	1	1	3	6	8	14	20	31	41	53	83	120
	3	1	1	3	5	7	12	17	26	35	45	71	103
	2	1	1	2	4	6	10	14	22	30	38	60	87
	1	1	1	1	3	4	7	10	15	21	27	42	61
THHW, THW-2	1/0	0	1	1	2	3	6	8	13	18	23	36	52
	2/0	0	1	1	2	3	5	7	11	15	19	31	44
	3/0	0	1	1	1	2	4	6	9	13	16	26	37
	4/0	0	0	1	1	1	3	5	8	10	14	21	31
	250	0	0	1	1	1	3	4	6	8	11	17	25
	300	0	0	1	1	1	2	3	5	7	9	15	22
	350	0	0	0	1	1	1	3	5	6	8	13	19
	400	0	0	0	1	1	1	3	4	6	7	12	17
	500	0	0	0	1	1	1	2	3	5	6	10	14
	600	0	0	0	1	1	1	1	3	4	5	8	12
	700	0	0	0	0	1	1	1	2	3	4	7	10
	750	0	0	0	0	1	1	1	2	3	4	7	10
	800	0	0	0	0	1	1	1	2	3	4	6	9
	900	0	0	0	0	1	1	1	1	3	4	6	8
	1000	0	0	0	0	0	1	1	1	2	3	5	8
THHN, THWN, THWN-2	14	13	22	36	63	85	140	200	309	412	531	833	1202
	12	9	16	26	46	62	102	146	225	301	387	608	877
	10	6	10	17	29	39	64	92	142	189	244	383	552
	8	3	6	9	16	22	37	53	82	109	140	221	318
	6	2	4	7	12	16	27	38	59	79	101	159	230
	4	1	2	4	7	10	16	23	36	48	62	98	141
	3	1	1	3	6	8	14	20	31	41	53	83	120
	2	1	1	3	5	7	11	17	26	34	44	70	100
	1	1	1	1	4	5	8	12	19	25	33	51	74
	1/0	1	1	1	3	4	7	10	16	21	27	43	63
	2/0	0	1	1	2	3	6	8	13	18	23	36	52
	3/0	0	1	1	1	3	5	7	11	15	19	30	43
	4/0	0	1	1	1	2	4	6	9	12	16	25	36
	250	0	0	1	1	1	3	5	7	10	13	20	29
	300	0	0	1	1	1	3	4	6	8	11	17	25
	350	0	0	1	1	1	2	3	5	7	10	15	22
	400	0	0	1	1	1	2	3	5	7	8	13	20
	500	0	0	0	1	1	1	2	4	5	7	11	16
	600	0	0	0	1	1	1	1	3	4	6	9	13
	700	0	0	0	1	1	1	1	3	4	5	8	11
	750	0	0	0	0	1	1	1	3	4	5	7	11
	800	0	0	0	0	1	1	1	2	3	4	7	10
	900	0	0	0	0	1	1	1	2	3	4	6	9
	1000	0	0	0	0	1	1	1	1	3	4	6	8

Note: This table is for concentric stranded conductors only. For compact stranded conductors, Table C8(A) should be used.
*Types RHH, RHW, and RHW-2 without outer covering.

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